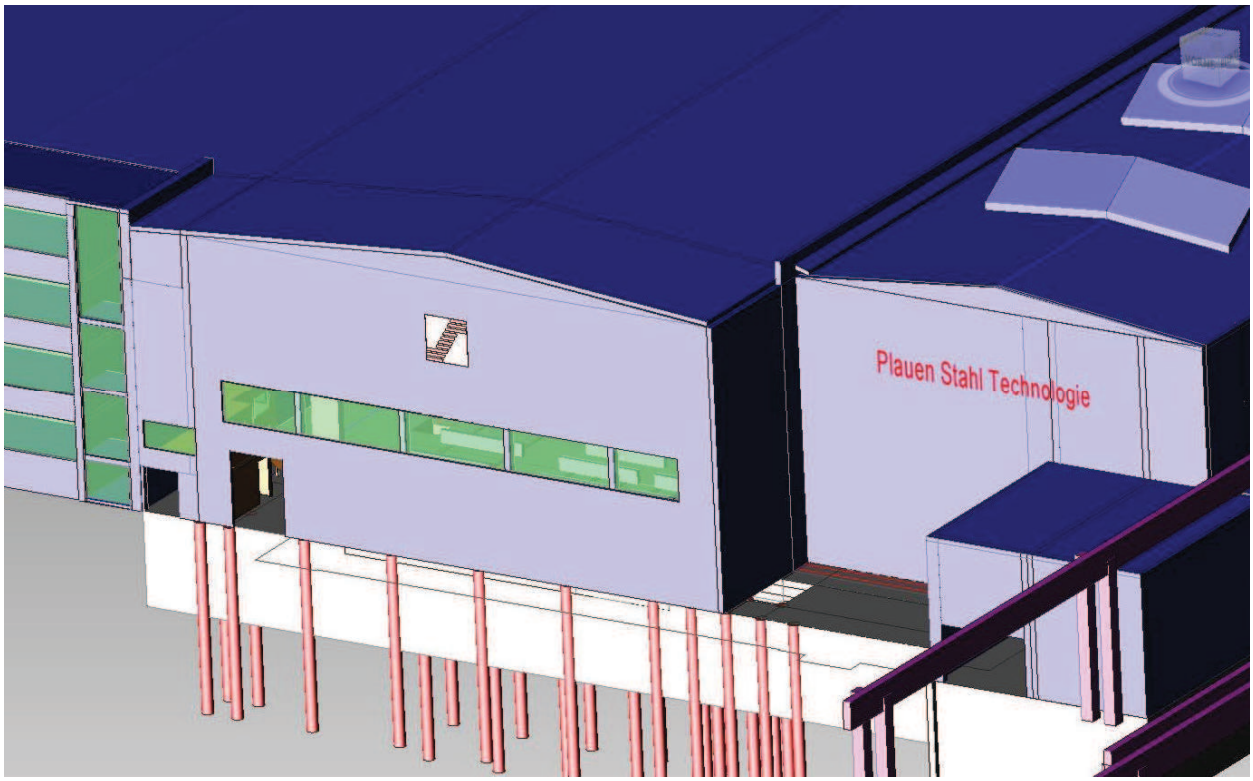
HOCHSCHULE
MITTWEIDA
UNIVERSITY OF
APPLIED SCIENCES

Weiner, Marcus

BACHELORARBEIT



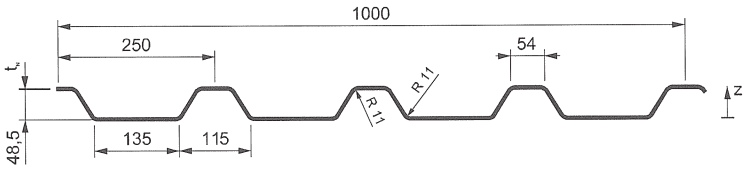
Erstellung einer Ausführungsstatik für die Verlängerung der Fertigungshalle 7 im Zusammenhang mit der Umsetzung der Investitionsmaßnahmen der Firma Plauen Stahl Technologie GmbH.

Anlagenverzeichnis

T 50.1 Negativlage

Belastungstabellen für eine gleichmäßig verteilte Auflast

Profitafel in **Negativlage**
Maße in [mm]



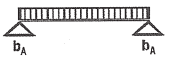
Das Trapezprofil als tragendes Bauteil von Dach- und Deckensystemen ist für Einzelpersonen nur über lastverteilende Maßnahmen (z.B. Holzbohlen) begehbar. Ein entsprechender Hinweis ist in den Verlegeplänen aufzunehmen.

Zeile *: Maximale zulässige Auflast ohne Beschränkung der Durchbiegung.

Zeilen L/...: Zulässige Belastung unter zusätzlicher Berücksichtigung der Durchbiegungsbeschränkung max f ≤ L/... . Diese Werte gelten auch für den unteren Teil der Zwei- und Dreifeldträgertabellen, wenn sie kleiner sind, als die dort in der Zeile * angegebenen Werte.

Die Tabellen ersetzen nicht den für die Bauausführung erforderlichen statischen Nachweis. Die Angaben der zulässigen Beanspruchung in [kN/m²] sind gemäß den Bestimmungen der DIN 18807 und der Anpassungsrichtlinie Stahlbau ermittelt worden.

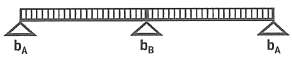
Insbesondere bei Mehrfeldträgern ist die maximale Lieferlänge zu beachten.



Einfeldträger, zulässige andrückende Flächenlast zul q [kN/m²]

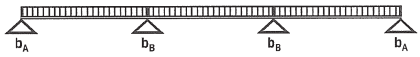
Stützweite L[m]			1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60	3,80	4,00	4,20	4,40	4,60	4,80	5,00
t_N	g	max f	Endauflagerbreite: b_A = 40 mm																				
0,63	6,3	*	8,92	6,20	4,55	3,48	2,75	2,23	1,84	1,55	1,32	1,14	0,99	0,87	0,77	0,69	0,62	0,56	0,51	0,46	0,42	0,39	0,36
		L/150	8,92	6,20	4,55	3,48	2,75	2,23	1,84	1,55	1,32	1,14	0,99	0,87	0,77	0,67	0,57	0,49	0,42	0,37	0,32	0,28	0,25
		L/200	8,92	6,20	4,55	3,48	2,75	2,23	1,84	1,55	1,32	1,07	0,87	0,72	0,60	0,50	0,43	0,37	0,32	0,28	0,24	0,21	0,19
		L/300	8,92	6,20	4,55	3,48	2,69	1,96	1,48	1,14	0,89	0,72	0,58	0,48	0,40	0,34	0,29	0,25	0,21	0,18	0,16	0,14	0,13
0,75	7,5	*	12,02	8,35	6,13	4,70	3,71	3,01	2,48	2,09	1,78	1,53	1,34	1,17	1,04	0,93	0,83	0,75	0,68	0,62	0,57	0,52	0,48
		L/150	12,02	8,35	6,13	4,70	3,71	3,01	2,48	2,09	1,78	1,53	1,34	1,15	0,96	0,81	0,69	0,59	0,51	0,44	0,39	0,34	0,30
		L/200	12,02	8,35	6,13	4,70	3,71	3,01	2,48	2,05	1,61	1,29	1,05	0,86	0,72	0,61	0,52	0,44	0,38	0,33	0,29	0,26	0,23
		L/300	12,02	8,35	6,13	4,61	3,24	2,36	1,77	1,36	1,07	0,86	0,70	0,58	0,48	0,40	0,34	0,29	0,25	0,22	0,19	0,17	0,15
0,88	8,8	*	17,31	12,02	8,83	6,76	5,34	4,33	3,58	3,00	2,56	2,21	1,92	1,69	1,50	1,34	1,20	1,08	0,98	0,89	0,82	0,75	0,69
		L/150	17,31	12,02	8,83	6,76	5,34	4,33	3,58	3,00	2,54	2,03	1,65	1,36	1,14	0,96	0,81	0,70	0,60	0,52	0,46	0,40	0,36
		L/200	17,31	12,02	8,83	6,76	5,34	4,18	3,14	2,42	1,90	1,53	1,24	1,02	0,85	0,72	0,61	0,52	0,45	0,39	0,34	0,30	0,27
		L/300	17,31	12,02	8,12	5,45	3,82	2,79	2,10	1,61	1,27	1,02	0,83	0,68	0,57	0,48	0,41	0,35	0,30	0,26	0,23	0,20	0,18
1,00	10,0	*	22,21	15,42	11,33	8,67	6,85	5,55	4,59	3,85	3,28	2,83	2,47	2,17	1,92	1,71	1,54	1,39	1,26	1,15	1,05	0,96	0,89
		L/150	22,21	15,42	11,33	8,67	6,85	5,55	4,59	3,70	2,90	2,33	1,89	1,56	1,30	1,09	0,93	0,80	0,69	0,60	0,52	0,46	0,41
		L/200	22,21	15,42	11,33	8,67	6,57	4,79	3,60	2,77	2,18	1,75	1,42	1,17	0,97	0,82	0,70	0,60	0,52	0,45	0,39	0,35	0,31
		L/300	22,21	14,78	9,30	6,24	4,38	3,19	2,40	1,85	1,45	1,16	0,95	0,78	0,65	0,55	0,47	0,40	0,34	0,30	0,26	0,23	0,20
1,25	12,5	*	31,37	21,78	16,01	12,25	9,68	7,84	6,48	5,45	4,64	4,00	3,49	3,06	2,71	2,42	2,17	1,96	1,78	1,62	1,48	1,36	1,25
		L/150	31,37	21,78	16,01	12,25	9,68	7,84	6,04	4,65	3,66	2,93	2,38	1,96	1,64	1,38	1,17	1,00	0,87	0,75	0,66	0,58	0,51
		L/200	31,37	21,78	16,01	11,78	8,27	6,03	4,53	3,49	2,74	2,20	1,79	1,47	1,23	1,03	0,88	0,75	0,65	0,57	0,50	0,44	0,39
		L/300	31,37	18,60	11,72	7,85	5,51	4,02	3,02	2,33	1,83	1,46	1,19	0,98	0,82	0,69	0,59	0,50	0,43	0,38	0,33	0,29	0,26

T 50.1 Negativlage



Zweifeldträger, zulässige andrückende Flächenlast zul q [kN/m²]

Stützweite L[m]			1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60	3,80	4,00	4,20	4,40	4,60	4,80	5,00
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: $b_B \geq$ 60 mm															
0,63	6,3	*	5,06	4,22	3,61	3,16	2,75	2,23	1,84	1,55	1,32	1,14	0,99	0,87	0,77	0,69	0,62	0,56	0,51	0,46	0,42	0,39	0,36
		L/150	5,06	4,22	3,61	3,16	2,75	2,23	1,84	1,55	1,32	1,14	0,99	0,87	0,77	0,69	0,62	0,56	0,51	0,46	0,42	0,39	0,36
		L/200	5,06	4,22	3,61	3,16	2,75	2,23	1,84	1,55	1,32	1,14	0,99	0,87	0,77	0,69	0,62	0,56	0,51	0,46	0,42	0,39	0,36
		L/300	5,06	4,22	3,61	3,16	2,75	2,23	1,84	1,55	1,32	1,14	0,99	0,87	0,77	0,69	0,62	0,56	0,51	0,44	0,39	0,34	0,30
0,75	7,5	*	6,58	5,48	4,70	4,11	3,46	2,92	2,48	2,09	1,78	1,53	1,34	1,17	1,04	0,93	0,83	0,75	0,68	0,62	0,57	0,52	0,48
		L/150	6,58	5,48	4,70	4,11	3,46	2,92	2,48	2,09	1,78	1,53	1,34	1,17	1,04	0,93	0,83	0,75	0,68	0,62	0,57	0,52	0,48
		L/200	6,58	5,48	4,70	4,11	3,46	2,92	2,48	2,09	1,78	1,53	1,34	1,17	1,04	0,93	0,83	0,75	0,68	0,62	0,57	0,52	0,48
		L/300	6,58	5,48	4,70	4,11	3,46	2,92	2,48	2,09	1,78	1,53	1,34	1,17	1,04	0,93	0,83	0,71	0,61	0,53	0,47	0,41	0,36
0,88	8,8	*	9,17	7,64	6,55	5,73	4,96	4,15	3,52	3,00	2,56	2,21	1,92	1,69	1,50	1,34	1,20	1,08	0,98	0,89	0,82	0,75	0,69
		L/150	9,17	7,64	6,55	5,73	4,96	4,15	3,52	3,00	2,56	2,21	1,92	1,69	1,50	1,34	1,20	1,08	0,98	0,89	0,82	0,75	0,69
		L/200	9,17	7,64	6,55	5,73	4,96	4,15	3,52	3,00	2,56	2,21	1,92	1,69	1,50	1,34	1,20	1,08	0,98	0,89	0,82	0,73	0,64
		L/300	9,17	7,64	6,55	5,73	4,96	4,15	3,52	3,00	2,56	2,21	1,92	1,64	1,36	1,15	0,98	0,84	0,72	0,63	0,55	0,49	0,43
1,00	10,0	*	11,57	9,64	8,27	7,23	6,23	5,19	4,40	3,77	3,27	2,83	2,47	2,17	1,92	1,71	1,54	1,39	1,26	1,15	1,05	0,96	0,89
		L/150	11,57	9,64	8,27	7,23	6,23	5,19	4,40	3,77	3,27	2,83	2,47	2,17	1,92	1,71	1,54	1,39	1,26	1,15	1,05	0,96	0,89
		L/200	11,57	9,64	8,27	7,23	6,23	5,19	4,40	3,77	3,27	2,83	2,47	2,17	1,92	1,71	1,54	1,39	1,24	1,08	0,95	0,83	0,74
		L/300	11,57	9,64	8,27	7,23	6,23	5,19	4,40	3,77	3,27	2,80	2,27	1,87	1,56	1,32	1,12	0,96	0,83	0,72	0,63	0,56	0,49
1,25	12,5	*	18,66	15,55	13,33	11,66	9,67	7,83	6,47	5,44	4,64	4,00	3,48	3,06	2,71	2,42	2,17	1,96	1,78	1,62	1,48	1,36	1,25
		L/150	18,66	15,55	13,33	11,66	9,67	7,83	6,47	5,44	4,64	4,00	3,48	3,06	2,71	2,42	2,17	1,96	1,78	1,62	1,48	1,36	1,24
		L/200	18,66	15,55	13,33	11,66	9,67	7,83	6,47	5,44	4,64	4,00	3,48	3,06	2,71	2,42	2,11	1,81	1,56	1,36	1,19	1,05	0,93
		L/300	18,66	15,55	13,33	11,66	9,67	7,83	6,47	5,44	4,39	3,52	2,86	2,36	1,97	1,66	1,41	1,21	1,04	0,91	0,79	0,70	0,62
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: b_B = 0 mm															
0,63	6,3	*	3,31	2,76	2,37	2,07	1,74	1,49	1,30	1,14	1,01	0,90	0,80	0,73	0,66	0,60	0,55	0,51	0,47	0,43	0,40	0,37	0,35
0,75	7,5	*	4,82	4,02	3,44	3,01	2,56	2,17	1,86	1,62	1,42	1,25	1,12	1,00	0,90	0,82	0,75	0,68	0,63	0,58	0,53	0,49	0,45
0,88	8,8	*	6,39	5,32	4,56	3,99	3,47	2,94	2,52	2,19	1,92	1,70	1,51	1,36	1,23	1,11	1,01	0,93	0,85	0,78	0,72	0,67	0,63
1,00	10,0	*	7,84	6,53	5,60	4,90	4,30	3,64	3,13	2,72	2,38	2,11	1,88	1,68	1,52	1,38	1,25	1,15	1,05	0,97	0,90	0,83	0,78
1,25	12,5	*	13,47	11,23	9,62	8,42	7,12	6,01	5,14	4,45	3,90	3,44	3,06	2,73	2,46	2,23	2,03	1,85	1,70	1,56	1,44	1,34	1,24



Dreifeldträger, zulässige andrückende Flächenlast zul q [kN/m²]

Stützweite L[m]			1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60	3,80	4,00	4,20	4,40	4,60	4,80	5,00
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: $b_B \geq$ 60 mm															
0,63	6,3	*	5,75	4,79	4,11	3,48	2,75	2,23	1,85	1,59	1,39	1,22	1,08	0,96	0,86	0,78	0,70	0,63	0,57	0,52	0,48	0,44	0,40
		L/150	5,75	4,79	4,11	3,48	2,75	2,23	1,85	1,59	1,39	1,22	1,08	0,96	0,86	0,78	0,70	0,63	0,57	0,52	0,48	0,44	0,40
		L/200	5,75	4,79	4,11	3,48	2,75	2,23	1,85	1,59	1,39	1,22	1,08	0,96	0,86	0,78	0,70	0,63	0,57	0,52	0,46	0,40	0,36
		L/300	5,75	4,79	4,11	3,48	2,75	2,23	1,85	1,59	1,39	1,22	1,08	0,91	0,76	0,64	0,54	0,46	0,40	0,35	0,31	0,27	0,24
0,75	7,5	*	7,47	6,23	5,34	4,67	3,71	3,00	2,48	2,09	1,78	1,55	1,38	1,23	1,11	1,01	0,92	0,84	0,77	0,71	0,65	0,61	0,56
		L/150	7,47	6,23	5,34	4,67	3,71	3,00	2,48	2,09	1,78	1,55	1,38	1,23	1,11	1,01	0,92	0,84	0,77	0,71	0,65	0,61	0,56
		L/200	7,47	6,23	5,34	4,67	3,71	3,00	2,48	2,09	1,78	1,55	1,38	1,23	1,11	1,01	0,92	0,84	0,72	0,63	0,55	0,48	0,43
		L/300	7,47	6,23	5,34	4,67	3,71	3,00	2,48	2,09	1,78	1,55	1,32	1,09	0,91	0,76	0,65	0,56	0,48	0,42	0,37	0,32	0,29
0,88	8,8	*	10,42	8,68	7,44	6,51	5,34	4,33	3,57	3,00	2,56	2,21	1,92	1,71	1,53	1,39	1,26	1,15	1,05	0,96	0,89	0,82	0,76
		L/150	10,42	8,68	7,44	6,51	5,34	4,33	3,57	3,00	2,56	2,21	1,92	1,71	1,53	1,39	1,26	1,15	1,05	0,96	0,87	0,76	0,68
		L/200	10,42	8,68	7,44	6,51	5,34	4,33	3,57	3,00	2,56	2,21	1,92	1,71	1,53	1,36	1,15	0,99	0,85	0,74	0,65	0,57	0,51
		L/300	10,42	8,68	7,44	6,51	5,34	4,33	3,57	3,00	2,40	1,92	1,56	1,29	1,07	0,90	0,77	0,66	0,57	0,50	0,43	0,38	0,34
1,00	10,0	*	13,15	10,96	9,39	8,22	6,86	5,55	4,58	3,85	3,28	2,83	2,47	2,17	1,92	1,71	1,55	1,41	1,29	1,18	1,09	1,01	0,93
		L/150	13,15	10,96	9,39	8,22	6,86	5,55	4,58	3,85	3,28	2,83	2,47	2,17	1,92	1,71	1,55	1,41	1,29	1,13	0,99	0,87	0,77
		L/200	13,15	10,96	9,39	8,22	6,86	5,55	4,58	3,85	3,28	2,83	2,47	2,17	1,84	1,55	1,32	1,13	0,98	0,85	0,74	0,66	0,58
		L/300	13,15	10,96	9,39	8,22	6,86	5,55	4,54	3,50	2,75	2,20	1,79	1,47	1,23	1,04	0,88	0,76	0,65	0,57	0,50	0,44	0,39
1,25	12,5	*	21,20	17,67	15,14	12,25	9,68	7,83	6,48	5,52	4,76	4,16	3,66	3,25	2,90	2,60	2,35	2,14	1,95	1,78	1,64	1,51	1,40
		L/150	21,20	17,67	15,14	12,25	9,68	7,83	6,48	5,52	4,76	4,16	3,66	3,25	2,90	2,60	2,22	1,90	1,64	1,43	1,25	1,10	0,97
		L/200	21,20	17,67	15,14	12,25	9,68	7,83	6,48	5,52	4,76	4,16	3,38	2,78	2,32	1,96	1,66	1,43	1,23	1,07	0,94	0,82	0,73
		L/300	21,20	17,67	15,14	12,25	9,68	7,60	5,71	4,40	3,46	2,77	2,25	1,86	1,55	1,30	1,11	0,95	0,82	0,71	0,62	0,55	0,49
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: b_B = 0 mm															
0,63	6,3	*	3,77	3,14	2,69	2,35	2,07	1,78	1,54	1,36	1,20	1,07	0,96	0,87	0,77	0,69	0,62	0,56	0,51	0,46	0,42	0,39	0,36
0,75	7,5	*	5,48	4,56	3,91	3,42	3,04	2,60	2,24	1,95	1,71	1,52	1,33	1,17	1,04	0,93	0,83	0,75	0,68	0,62	0,57	0,52	0,48
0,88	8,8	*	7,26	6,05	5,18	4,54	4,03	3,53	3,04	2,64	2,32	2,06	1,84	1,65	1,49	1,33	1,20	1,08	0,98	0,90	0,82	0,75	0,69
1,00	10,0	*	8,91	7,43	6,37	5,57	4,95	4,37	3,76	3,27	2,88	2,55	2,27	2,04	1,84	1,67	1,53	1,39	1,26	1,15	1,05	0,96	0,89
1,25	12,5	*	15,31	12,76	10,93	9,57	8,50	7,24	6,21	5,39	4,63	4,00	3,49	3,06	2,71	2,42	2,17	1,96	1,78	1,62	1,48	1,36	1,25

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HK 160/600

Hoesch Bausysteme GmbH

Belastungstabellen für **Winddruck**

Zeile *: Maximale zulässige andrückende Windbelastung ohne Beschränkung der Durchbiegung.

Zeilen L/...: Zulässige Belastung unter zusätzlicher Berücksichtigung der Durchbiegungsbeschränkung max f <= L/... .
Diese Werte gelten auch für den unteren Teil der Zwei- und Dreifeldträgertabellen, wenn sie kleiner sind als die dort in der Zeile

Einfeldträger, zulässige andrückende Windbelastung zul w_d [kN/m²]

Stützweite L [m]			4,50	4,75	5,00	5,25	5,50	5,75	6,00	6,25	6,50	6,75	7,00	7,25	7,50	7,75	8,00	8,25	8,50	8,75	9,00	9,25	9,50	9,75	10,00
tN	G	max f	Endauflagerbreite: b_A = 40 mm																						
0,75	10,2	*	1,00	0,95	0,90	0,82	0,75	0,69	0,63	0,58	0,54	0,50	0,46	0,43	0,40	0,38	0,35	0,33	0,31	0,30	0,28	0,27	0,25	0,24	0,23
		L/150	1,00	0,95	0,90	0,82	0,75	0,69	0,63	0,58	0,54	0,50	0,46	0,43	0,40	0,38	0,35	0,33	0,31	0,30	0,28	0,27	0,25	0,24	0,23
		L/200	1,00	0,95	0,90	0,82	0,75	0,69	0,63	0,58	0,54	0,50	0,46	0,43	0,40	0,38	0,35	0,33	0,31	0,30	0,28	0,27	0,25	0,24	0,23
		L/300	1,00	0,95	0,90	0,82	0,75	0,69	0,63	0,58	0,54	0,50	0,46	0,43	0,40	0,38	0,35	0,33	0,31	0,30	0,28	0,27	0,25	0,24	0,22
0,88	12,0	*	1,53	1,45	1,35	1,22	1,11	1,02	0,94	0,86	0,80	0,74	0,69	0,64	0,60	0,56	0,53	0,50	0,47	0,44	0,42	0,39	0,37	0,35	0,34
		L/150	1,53	1,45	1,35	1,22	1,11	1,02	0,94	0,86	0,80	0,74	0,69	0,64	0,60	0,56	0,53	0,50	0,47	0,44	0,42	0,39	0,37	0,35	0,34
		L/200	1,53	1,45	1,35	1,22	1,11	1,02	0,94	0,86	0,80	0,74	0,69	0,64	0,60	0,56	0,53	0,50	0,47	0,44	0,42	0,39	0,37	0,35	0,34
		L/300	1,53	1,45	1,35	1,22	1,11	1,02	0,94	0,86	0,80	0,74	0,69	0,64	0,60	0,56	0,51	0,47	0,43	0,39	0,36	0,33	0,31	0,28	0,26
1,00	13,6	*	2,01	1,90	1,75	1,59	1,45	1,32	1,22	1,12	1,04	0,96	0,89	0,83	0,78	0,73	0,68	0,64	0,61	0,57	0,54	0,51	0,49	0,46	0,44
		L/150	2,01	1,90	1,75	1,59	1,45	1,32	1,22	1,12	1,04	0,96	0,89	0,83	0,78	0,73	0,68	0,64	0,61	0,57	0,54	0,51	0,49	0,46	0,44
		L/200	2,01	1,90	1,75	1,59	1,45	1,32	1,22	1,12	1,04	0,96	0,89	0,83	0,78	0,73	0,68	0,64	0,61	0,57	0,54	0,51	0,49	0,46	0,44
		L/300	2,01	1,90	1,75	1,59	1,45	1,32	1,22	1,12	1,04	0,96	0,87	0,79	0,71	0,64	0,59	0,53	0,49	0,45	0,41	0,38	0,35	0,32	0,30
1,25	17,0	*	2,44	2,31	2,20	2,09	2,00	1,88	1,72	1,59	1,47	1,36	1,27	1,18	1,10	1,03	0,97	0,91	0,86	0,81	0,77	0,73	0,69	0,65	0,62
		L/150	2,44	2,31	2,20	2,09	2,00	1,88	1,72	1,59	1,47	1,36	1,27	1,18	1,10	1,03	0,97	0,91	0,86	0,81	0,77	0,73	0,69	0,65	0,62
		L/200	2,44	2,31	2,20	2,09	2,00	1,88	1,72	1,59	1,47	1,36	1,27	1,18	1,10	1,03	0,97	0,91	0,86	0,81	0,77	0,72	0,66	0,61	0,57
		L/300	2,44	2,31	2,20	2,09	2,00	1,88	1,72	1,55	1,38	1,23	1,10	0,99	0,90	0,81	0,74	0,67	0,62	0,56	0,52	0,48	0,44	0,41	0,38
1,50	20,4	*	2,94	2,78	2,64	2,52	2,40	2,26	2,07	1,91	1,77	1,64	1,52	1,42	1,33	1,24	1,17	1,10	1,03	0,98	0,92	0,87	0,83	0,79	0,75
		L/150	2,94	2,78	2,64	2,52	2,40	2,26	2,07	1,91	1,77	1,64	1,52	1,42	1,33	1,24	1,17	1,10	1,03	0,98	0,92	0,87	0,83	0,79	0,75
		L/200	2,94	2,78	2,64	2,52	2,40	2,26	2,07	1,91	1,77	1,64	1,52	1,42	1,33	1,24	1,17	1,10	1,03	0,98	0,92	0,86	0,80	0,74	0,68
		L/300	2,94	2,78	2,64	2,52	2,40	2,26	2,07	1,87	1,66	1,48	1,33	1,20	1,08	0,98	0,89	0,81	0,74	0,68	0,63	0,58	0,53	0,49	0,46

Zweifeldträger, zulässige andrückende Windbelastung zul w_d [kN/m²]

Stützweite L [m]			4,50	4,75	5,00	5,25	5,50	5,75	6,00	6,25	6,50	6,75	7,00	7,25	7,50	7,75	8,00	8,25	8,50	8,75	9,00	9,25	9,50	9,75	10,00
t_N	G	max f	Endauflagerbreite: b_A = 40 mm Zwischenauflagerbreite: b_B = 300 mm																						
0,75	10,2	*	1,13	1,05	0,97	0,91	0,84	0,79	0,74	0,70	0,65	0,62	0,58	0,55	0,52	0,49	0,47	0,44	0,41	0,39	0,37	0,35	0,33	0,31	0,30
		L/150	1,13	1,05	0,97	0,91	0,84	0,79	0,74	0,70	0,65	0,62	0,58	0,55	0,52	0,49	0,47	0,44	0,41	0,39	0,37	0,35	0,33	0,31	0,30
		L/200	1,13	1,05	0,97	0,91	0,84	0,79	0,74	0,70	0,65	0,62	0,58	0,55	0,52	0,49	0,47	0,44	0,41	0,39	0,37	0,35	0,33	0,31	0,30
		L/300	1,13	1,05	0,97	0,91	0,84	0,79	0,74	0,70	0,65	0,62	0,58	0,55	0,52	0,49	0,47	0,44	0,41	0,39	0,37	0,35	0,33	0,31	0,30
0,88	12,0	*	1,56	1,44	1,33	1,23	1,15	1,07	1,00	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,62	0,58	0,55	0,52	0,49	0,46	0,44	0,42	0,40
		L/150	1,56	1,44	1,33	1,23	1,15	1,07	1,00	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,62	0,58	0,55	0,52	0,49	0,46	0,44	0,42	0,40
		L/200	1,56	1,44	1,33	1,23	1,15	1,07	1,00	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,62	0,58	0,55	0,52	0,49	0,46	0,44	0,42	0,40
		L/300	1,56	1,44	1,33	1,23	1,15	1,07	1,00	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,62	0,58	0,55	0,52	0,49	0,46	0,44	0,42	0,40
1,00	13,6	*	1,94	1,79	1,65	1,53	1,42	1,33	1,24	1,16	1,09	1,02	0,96	0,91	0,86	0,81	0,77	0,72	0,68	0,64	0,60	0,57	0,54	0,52	0,49
		L/150	1,94	1,79	1,65	1,53	1,42	1,33	1,24	1,16	1,09	1,02	0,96	0,91	0,86	0,81	0,77	0,72	0,68	0,64	0,60	0,57	0,54	0,52	0,49
		L/200	1,94	1,79	1,65	1,53	1,42	1,33	1,24	1,16	1,09	1,02	0,96	0,91	0,86	0,81	0,77	0,72	0,68	0,64	0,60	0,57	0,54	0,52	0,49
		L/300	1,94	1,79	1,65	1,53	1,42	1,33	1,24	1,16	1,09	1,02	0,96	0,91	0,86	0,81	0,77	0,72	0,68	0,64	0,60	0,57	0,54	0,52	0,49
1,25	17,0	*	3,18	2,93	2,71	2,51	2,33	2,17	2,03	1,90	1,78	1,67	1,57	1,48	1,40	1,32	1,25	1,18	1,11	1,04	0,99	0,93	0,89	0,84	0,80
		L/150	3,18	2,93	2,71	2,51	2,33	2,17	2,03	1,90	1,78	1,67	1,57	1,48	1,40	1,32	1,25	1,18	1,11	1,04	0,99	0,93	0,89	0,84	0,80
		L/200	3,18	2,93	2,71	2,51	2,33	2,17	2,03	1,90	1,78	1,67	1,57	1,48	1,40	1,32	1,25	1,18	1,11	1,04	0,99	0,93	0,89	0,84	0,80
		L/300	3,18	2,93	2,71	2,51	2,33	2,17	2,03	1,90	1,78	1,67	1,57	1,48	1,40	1,32	1,25	1,18	1,11	1,04	0,99	0,93	0,89	0,84	0,80
1,50	20,4	*	3,85	3,54	3,27	3,03	2,82	2,62	2,45	2,29	2,15	2,02	1,90	1,79	1,69	1,60	1,51	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
		L/150	3,85	3,54	3,27	3,03	2,82	2,62	2,45	2,29	2,15	2,02	1,90	1,79	1,69	1,60	1,51	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
		L/200	3,85	3,54	3,27	3,03	2,82	2,62	2,45	2,29	2,15	2,02	1,90	1,79	1,69	1,60	1,51	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
		L/300	3,85	3,54	3,27	3,03	2,82	2,62	2,45	2,29	2,15	2,02	1,90	1,79	1,69	1,60	1,51	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
t_N	G	max f	Endauflagerbreite: b_A = 40 mm Zwischenauflagerbreite: b_B = 160 mm																						
0,75	10,2	*	0,94	0,87	0,81	0,76	0,71	0,67	0,63	0,59	0,56	0,53	0,50	0,48	0,45	0,43	0,40	0,38	0,35	0,33	0,32	0,30	0,28	0,27	0,26
0,88	12,0	*	1,26	1,17	1,09	1,01	0,95	0,89	0,83	0,78	0,74	0,70	0,66	0,62	0,59	0,56	0,53	0,50	0,47	0,45	0,42	0,40	0,38	0,36	0,34
1,00	13,6	*	1,54	1,42	1,32	1,23	1,15	1,07	1,00	0,94	0,89	0,83	0,79	0,74	0,70	0,67	0,63	0,60	0,57	0,55	0,52	0,49	0,47	0,44	0,42
1,25	17,0	*	2,51	2,32	2,15	2,00	1,87	1,74	1,63	1,53	1,44	1,36	1,28	1,21	1,15	1,09	1,03	0,98	0,92	0,87	0,82	0,78	0,74	0,70	0,66
1,50	20,4	*	3,03	2,80	2,60	2,42	2,25	2,11	1,97	1,85	1,74	1,64	1,55	1,46	1,38	1,31	1,24	1,18	1,11	1,05	0,99	0,94	0,89	0,85	0,80

Dreifeldträger, zulässige andrückende Windbelastung zul w_d [kN/m²]

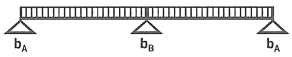
Stützweite L [m]			4,50	4,75	5,00	5,25	5,50	5,75	6,00	6,25	6,50	6,75	7,00	7,25	7,50	7,75	8,00	8,25	8,50	8,75	9,00	9,25	9,50	9,75	10,00
t_N	G	max f	Endauflagerbreite: b_A = 40 mm Zwischenauflagerbreite: b_B = 300 mm																						
0,75	10,2	*	1,26	1,19	1,13	1,08	1,01	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,63	0,59	0,55	0,52	0,49	0,46	0,44	0,41	0,39	0,37	0,35
		L/150	1,26	1,19	1,13	1,08	1,01	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,63	0,59	0,55	0,52	0,49	0,46	0,44	0,41	0,39	0,37	0,35
		L/200	1,26	1,19	1,13	1,08	1,01	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,63	0,59	0,55	0,52	0,49	0,46	0,44	0,41	0,39	0,37	0,35
		L/300	1,26	1,19	1,13	1,08	1,01	0,94	0,88	0,83	0,78	0,74	0,70	0,66	0,63	0,59	0,55	0,52	0,49	0,46	0,44	0,41	0,39	0,37	0,35
0,88	12,0	*	1,85	1,71	1,58	1,47	1,37	1,28	1,20	1,13	1,06	1,00	0,94	0,89	0,84	0,80	0,76	0,72	0,68	0,65	0,61	0,58	0,55	0,52	0,49
		L/150	1,85	1,71	1,58	1,47	1,37	1,28	1,20	1,13	1,06	1,00	0,94	0,89	0,84	0,80	0,76	0,72	0,68	0,65	0,61	0,58	0,55	0,52	0,49
		L/200	1,85	1,71	1,58	1,47	1,37	1,28	1,20	1,13	1,06	1,00	0,94	0,89	0,84	0,80	0,76	0,72	0,68	0,65	0,61	0,58	0,55	0,52	0,49
		L/300	1,85	1,71	1,58	1,47	1,37	1,28	1,20	1,13	1,06	1,00	0,94	0,89	0,84	0,80	0,76	0,72	0,68	0,65	0,61	0,58	0,55	0,52	0,49
1,00	13,6	*	2,31	2,13	1,97	1,83	1,71	1,59	1,49	1,40	1,31	1,24	1,17	1,10	1,04	0,99	0,93	0,89	0,84	0,80	0,76	0,72	0,68	0,64	0,61
		L/150	2,31	2,13	1,97	1,83	1,71	1,59	1,49	1,40	1,31	1,24	1,17	1,10	1,04	0,99	0,93	0,89	0,84	0,80	0,76	0,72	0,68	0,64	0,61
		L/200	2,31	2,13	1,97	1,83	1,71	1,59	1,49	1,40	1,31	1,24	1,17	1,10	1,04	0,99	0,93	0,89	0,84	0,80	0,76	0,72	0,68	0,64	0,61
		L/300	2,31	2,13	1,97	1,83	1,71	1,59	1,49	1,40	1,31	1,24	1,17	1,10	1,04	0,99	0,93	0,89	0,84	0,80	0,76	0,72	0,66	0,61	0,57
1,25	17,0	*	3,05	2,89	2,75	2,61	2,50	2,39	2,29	2,20	2,11	2,02	1,90	1,80	1,70	1,61	1,52	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
		L/150	3,05	2,89	2,75	2,61	2,50	2,39	2,29	2,20	2,11	2,02	1,90	1,80	1,70	1,61	1,52	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
		L/200	3,05	2,89	2,75	2,61	2,50	2,39	2,29	2,20	2,11	2,02	1,90	1,80	1,70	1,61	1,52	1,42	1,34	1,27	1,20	1,13	1,07	1,02	0,97
		L/300	3,05	2,89	2,75	2,61	2,50	2,39	2,29	2,20	2,11	2,02	1,90	1,80	1,69	1,53	1,39	1,27	1,16	1,07	0,98	0,90	0,83	0,77	0,71
1,50	20,4	*	3,67	3,48	3,30	3,15	3,00	2,87	2,75	2,64	2,54	2,44	2,30	2,17	2,05	1,94	1,82	1,71	1,61	1,52	1,44	1,36	1,29	1,23	1,17
		L/150	3,67	3,48	3,30	3,15	3,00	2,87	2,75	2,64	2,54	2,44	2,30	2,17	2,05	1,94	1,82	1,71	1,61	1,52	1,44	1,36	1,29	1,23	1,17
		L/200	3,67	3,48	3,30	3,15	3,00	2,87	2,75	2,64	2,54	2,44	2,30	2,17	2,05	1,94	1,82	1,71	1,61	1,52	1,44	1,36	1,29	1,23	1,17
		L/300	3,67	3,48	3,30	3,15	3,00	2,87	2,75	2,64	2,54	2,44	2,30	2,17	2,04	1,85	1,68	1,53	1,40	1,28	1,18	1,09	1,00	0,93	0,86
t_N	G	max f	Endauflagerbreite: b_A = 40 mm Zwischenauflagerbreite: b_B = 160 mm																						
0,75	10,2	*	1,10	1,02	0,96	0,90	0,84	0,79	0,74	0,70	0,66	0,63	0,60	0,57	0,54	0,51	0,49	0,47	0,44	0,42	0,39	0,37	0,35	0,34	0,32
0,88	12,0	*	1,49	1,38	1,29	1,20	1,12	1,05	0,99	0,93	0,88	0,83	0,79	0,74	0,71	0,67	0,64	0,61	0,58	0,55	0,53	0,50	0,47	0,45	0,43
1,00	13,6	*	1,82	1,69	1,57	1,46	1,36	1,28	1,20	1,13	1,06	1,00	0,95	0,90	0,85	0,81	0,77	0,73	0,69	0,66	0,63	0,60	0,58	0,55	0,53
1,25	17,0	*	2,97	2,75	2,55	2,38	2,22	2,08	1,95	1,83	1,73	1,63	1,54	1,46	1,38	1,31	1,24	1,18	1,13	1,07	1,03	0,97	0,92	0,87	0,83
1,50	20,4	*	3,59	3,32	3,09	2,88	2,69	2,51	2,36	2,22	2,09	1,97	1,86	1,76	1,67	1,58	1,50	1,43	1,36	1,30	1,24	1,18	1,11	1,06	1,01

Die Tabellen ersetzen nicht den für die Bauausführung erforderlichen statischen Nachweis.

Insbesondere bei Mehrfeldträgern ist die maximale Lieferlänge von 15 m zu beachten.

Der Abstand der Verbindung mit der Außenschale beträgt a≤ 414 mm.

T 35.1 Negativlage



Zweifeldträger, zulässige andrückende Flächenlast zul q [kN/m²]

Stützweite L[m]			1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60	3,80	4,00	4,20	4,40	4,60	4,80	5,00
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: $b_B \geq$ 60 mm															
0,63	6,0	*	5,88	4,38	3,22	2,77	2,18	1,77	1,46	1,23	1,05	0,90	0,79	0,69	0,61	0,55	0,49	0,44	0,40	0,37	0,33	0,31	0,28
		L/150	5,88	4,38	3,22	2,77	2,18	1,77	1,46	1,23	1,05	0,90	0,79	0,69	0,61	0,55	0,49	0,44	0,40	0,37	0,33	0,29	0,26
		L/200	5,88	4,38	3,22	2,77	2,18	1,77	1,46	1,23	1,05	0,90	0,79	0,69	0,61	0,52	0,44	0,38	0,33	0,28	0,25	0,22	0,19
		L/300	5,88	4,38	3,22	2,77	2,18	1,77	1,46	1,17	0,92	0,74	0,60	0,49	0,41	0,35	0,29	0,25	0,22	0,19	0,17	0,15	0,13
0,75	7,2	*	6,89	5,74	4,51	3,45	2,72	2,21	1,82	1,53	1,31	1,13	0,98	0,86	0,76	0,68	0,61	0,55	0,50	0,46	0,42	0,38	0,35
		L/150	6,89	5,74	4,51	3,45	2,72	2,21	1,82	1,53	1,31	1,13	0,98	0,86	0,76	0,68	0,61	0,55	0,50	0,44	0,39	0,34	0,30
		L/200	6,89	5,74	4,51	3,45	2,72	2,21	1,82	1,53	1,31	1,13	0,98	0,86	0,72	0,61	0,52	0,44	0,38	0,33	0,29	0,26	0,23
		L/300	6,89	5,74	4,51	3,45	2,72	2,21	1,77	1,36	1,07	0,86	0,70	0,58	0,48	0,40	0,34	0,29	0,25	0,22	0,19	0,17	0,15
0,88	8,4	*	9,49	7,91	6,68	5,11	4,04	3,27	2,71	2,27	1,94	1,67	1,46	1,28	1,13	1,01	0,91	0,82	0,74	0,68	0,62	0,57	0,52
		L/150	9,49	7,91	6,68	5,11	4,04	3,27	2,71	2,27	1,94	1,67	1,46	1,28	1,13	0,98	0,83	0,71	0,61	0,53	0,47	0,41	0,36
		L/200	9,49	7,91	6,68	5,11	4,04	3,27	2,71	2,27	1,94	1,55	1,26	1,04	0,87	0,73	0,62	0,53	0,46	0,40	0,35	0,31	0,27
		L/300	9,49	7,91	6,68	5,11	3,90	2,84	2,14	1,65	1,29	1,04	0,84	0,69	0,58	0,49	0,41	0,36	0,31	0,27	0,23	0,21	0,18
1,00	9,6	*	11,95	9,96	8,54	6,69	5,29	4,28	3,54	2,97	2,53	2,18	1,90	1,67	1,48	1,32	1,19	1,07	0,97	0,88	0,81	0,74	0,68
		L/150	11,95	9,96	8,54	6,69	5,29	4,28	3,54	2,97	2,53	2,18	1,90	1,60	1,34	1,12	0,96	0,82	0,71	0,62	0,54	0,47	0,42
		L/200	11,95	9,96	8,54	6,69	5,29	4,28	3,54	2,85	2,24	1,79	1,46	1,20	1,00	0,84	0,72	0,61	0,53	0,46	0,40	0,36	0,31
		L/300	11,95	9,96	8,54	6,41	4,50	3,28	2,47	1,90	1,49	1,20	0,97	0,80	0,67	0,56	0,48	0,41	0,35	0,31	0,27	0,24	0,21
1,25	11,9	*	16,89	14,07	11,01	8,43	6,66	5,39	4,46	3,75	3,19	2,75	2,40	2,11	1,87	1,67	1,49	1,35	1,22	1,11	1,02	0,94	0,86
		L/150	16,89	14,07	11,01	8,43	6,66	5,39	4,46	3,75	3,19	2,75	2,39	1,97	1,64	1,39	1,18	1,01	0,87	0,76	0,66	0,58	0,52
		L/200	16,89	14,07	11,01	8,43	6,66	5,39	4,46	3,51	2,76	2,21	1,79	1,48	1,23	1,04	0,88	0,76	0,65	0,57	0,50	0,44	0,39
		L/300	16,89	14,07	11,01	7,88	5,54	4,04	3,04	2,34	1,84	1,47	1,20	0,99	0,82	0,69	0,59	0,50	0,44	0,38	0,33	0,29	0,26
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: b_B = 0 mm															
0,63	6,0	*	3,39	2,82	2,42	2,12	1,79	1,51	1,29	1,09	0,93	0,81	0,70	0,62	0,55	0,49	0,44	0,39	0,36	0,33	0,30	0,27	0,25
0,75	7,2	*	5,01	4,17	3,58	3,13	2,58	2,15	1,81	1,53	1,30	1,12	0,98	0,86	0,76	0,68	0,61	0,55	0,50	0,46	0,42	0,38	0,35
0,88	8,4	*	6,77	5,64	4,83	4,23	3,50	2,93	2,49	2,14	1,86	1,63	1,44	1,28	1,13	1,01	0,91	0,82	0,74	0,68	0,62	0,57	0,52
1,00	9,6	*	8,41	7,01	6,01	5,26	4,37	3,66	3,12	2,69	2,34	2,06	1,82	1,62	1,46	1,32	1,18	1,07	0,97	0,88	0,81	0,74	0,69
1,25	11,9	*	12,84	10,70	9,17	8,02	6,59	5,39	4,45	3,74	3,19	2,75	2,39	2,11	1,86	1,66	1,49	1,35	1,22	1,11	1,02	0,94	0,86

Dreifeldträger, zulässige andrückende Flächenlast zul q [kN/m²]

Stützweite L[m]			1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60	3,80	4,00	4,20	4,40	4,60	4,80	5,00
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: $b_B \geq$ 60 mm															
0,63	6,0	*	6,30	4,38	3,66	3,20	2,73	2,21	1,83	1,54	1,31	1,13	0,98	0,86	0,77	0,68	0,61	0,55	0,50	0,46	0,42	0,38	0,35
		L/150	6,30	4,38	3,66	3,20	2,73	2,21	1,83	1,54	1,31	1,13	0,94	0,78	0,65	0,54	0,46	0,40	0,34	0,30	0,26	0,23	0,20
		L/200	6,30	4,38	3,66	3,20	2,73	2,21	1,79	1,38	1,09	0,87	0,71	0,58	0,49	0,41	0,35	0,30	0,26	0,22	0,20	0,17	0,15
		L/300	6,30	4,38	3,66	3,11	2,18	1,59	1,19	0,92	0,72	0,58	0,47	0,39	0,32	0,27	0,23	0,20	0,17	0,15	0,13	0,11	0,10
0,75	7,2	*	7,83	6,13	4,50	3,75	3,31	2,68	2,22	1,86	1,59	1,37	1,19	1,05	0,93	0,83	0,74	0,67	0,61	0,55	0,51	0,47	0,43
		L/150	7,83	6,13	4,50	3,75	3,31	2,68	2,22	1,86	1,59	1,35	1,10	0,91	0,76	0,64	0,54	0,46	0,40	0,35	0,31	0,27	0,24
		L/200	7,83	6,13	4,50	3,75	3,31	2,68	2,09	1,61	1,27	1,02	0,82	0,68	0,57	0,48	0,41	0,35	0,30	0,26	0,23	0,20	0,18
		L/300	7,83	6,13	4,50	3,63	2,54	1,85	1,39	1,07	0,84	0,68	0,55	0,45	0,38	0,32	0,27	0,23	0,20	0,17	0,15	0,13	0,12
0,88	8,4	*	10,78	8,98	6,68	5,17	4,54	3,68	3,04	2,56	2,18	1,88	1,64	1,44	1,27	1,14	1,02	0,92	0,83	0,76	0,70	0,64	0,59
		L/150	10,78	8,98	6,68	5,17	4,54	3,68	3,04	2,56	2,04	1,63	1,33	1,09	0,91	0,77	0,65	0,56	0,48	0,42	0,37	0,32	0,29
		L/200	10,78	8,98	6,68	5,17	4,54	3,36	2,52	1,94	1,53	1,22	0,99	0,82	0,68	0,58	0,49	0,42	0,36	0,32	0,28	0,24	0,21
		L/300	10,78	8,98	6,52	4,37	3,07	2,24	1,68	1,29	1,02	0,82	0,66	0,55	0,46	0,38	0,33	0,28	0,24	0,21	0,18	0,16	0,14
1,00	9,6	*	13,58	11,32	8,74	6,68	5,72	4,64	3,83	3,22	2,74	2,37	2,06	1,81	1,60	1,43	1,28	1,16	1,05	0,96	0,88	0,80	0,74
		L/150	13,58	11,32	8,74	6,68	5,72	4,64	3,83	2,99	2,35	1,88	1,53	1,26	1,05	0,88	0,75	0,65	0,56	0,48	0,42	0,37	0,33
		L/200	13,58	11,32	8,74	6,68	5,31	3,87	2,91	2,24	1,76	1,41	1,15	0,94	0,79	0,66	0,56	0,48	0,42	0,36	0,32	0,28	0,25
		L/300	13,58	11,32	7,52	5,04	3,54	2,58	1,94	1,49	1,17	0,94	0,76	0,63	0,53	0,44	0,38	0,32	0,28	0,24	0,21	0,19	0,17
1,25	11,9	*	19,19	14,98	11,01	9,19	8,04	6,52	5,38	4,52	3,86	3,32	2,90	2,55	2,25	2,01	1,80	1,63	1,48	1,35	1,23	1,13	1,04
		L/150	19,19	14,98	11,01	9,19	8,04	6,35	4,78	3,68	2,89	2,32	1,88	1,55	1,29	1,09	0,93	0,79	0,69	0,60	0,52	0,46	0,41
		L/200	19,19	14,98	11,01	9,19	6,54	4,76	3,58	2,76	2,17	1,74	1,41	1,16	0,97	0,82	0,70	0,60	0,51	0,45	0,39	0,34	0,31
		L/300	19,19	14,71	9,26	6,21	4,36	3,18	2,39	1,84	1,45	1,16	0,94	0,78	0,65	0,55	0,46	0,40	0,34	0,30	0,26	0,23	0,20
t_N	g	max f	Endauflagerbreite: b_A = 40 mm					Zwischenauflagerbreite: b_B = 0 mm															
0,63	6,0	*	3,85	3,21	2,75	2,41	1,95	1,57	1,30	1,09	0,93	0,80	0,71	0,64	0,57	0,52	0,47	0,43	0,40	0,37	0,34	0,31	0,29
0,75	7,2	*	5,69	4,74	4,07	3,45	2,72	2,21	1,82	1,53	1,31	1,13	0,98	0,87	0,78	0,70	0,64	0,58	0,53	0,48	0,45	0,41	0,38
0,88	8,4	*	7,69	6,41	5,49	4,81	4,04	3,27	2,71	2,27	1,94	1,67	1,45	1,28	1,13	1,01	0,91	0,82	0,74	0,68	0,63	0,58	0,54
1,00	9,6	*	9,56	7,97	6,83	5,97	5,28	4,28	3,54	2,97	2,53	2,18	1,90	1,67	1,48	1,32	1,19	1,07	0,97	0,88	0,81	0,74	0,68
1,25	11,9	*	14,59	12,16	10,42	8,43	6,66	5,39	4,46	3,74	3,20	2,80	2,47	2,19	1,96	1,76	1,59	1,45	1,32	1,21	1,11	1,02	0,94

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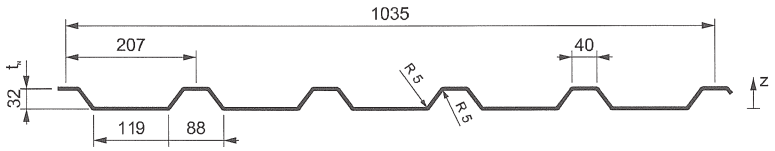
T 35.1 Negativlage

Belastungstabellen für eine gleichmäßig verteilte Auflast

Profitafel in **Negativlage**
Maße in [mm]



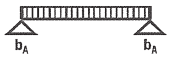
Das Trapezprofil als tragendes Bauteil von Dach- und Deckensystemen ist für Einzelpersonen nur über lastverteilende Maßnahmen (z.B. Holzbohlen) begehbar. Ein entsprechender Hinweis ist in den Verlegeplänen aufzunehmen.

Zeile *: Maximale zulässige Auflast ohne Beschränkung der Durchbiegung.

Zeilen L/...: Zulässige Belastung unter zusätzlicher Berücksichtigung der Durchbiegungsbeschränkung max f ≤ L/... . Diese Werte gelten auch für den unteren Teil der Zwei- und Dreifeldträgertabellen, wenn sie kleiner sind, als die dort in der Zeile * angegebenen Werte.

Die Tabellen ersetzen nicht den für die Bauausführung erforderlichen statischen Nachweis. Die Angaben der zulässigen Beanspruchung in [kN/m²] sind gemäß den Bestimmungen der DIN 18807 und der Anpassungsrichtlinie Stahlbau ermittelt worden.

Insbesondere bei Mehrfeldträgern ist die maximale Lieferlänge zu beachten.



Einfeldträger, zulässige andrückende Flächenlast zul q [kN/m²]

Stützweite L[m]			1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60	3,80	4,00	4,20	4,40	4,60	4,80	5,00
t_N	g	max f	Endauflagerbreite: b_A = 40 mm																				
0,63	6,0	*	6,31	4,38	3,22	2,46	1,95	1,58	1,30	1,09	0,93	0,80	0,70	0,62	0,55	0,49	0,44	0,39	0,36	0,33	0,30	0,27	0,25
		L/150	6,31	4,38	3,22	2,46	1,95	1,58	1,26	0,97	0,76	0,61	0,50	0,41	0,34	0,29	0,24	0,21	0,18	0,16	0,14	0,12	0,11
		L/200	6,31	4,38	3,22	2,46	1,73	1,26	0,95	0,73	0,57	0,46	0,37	0,31	0,26	0,22	0,18	0,16	0,14	0,12	0,10	0,09	0,08
		L/300	6,31	3,89	2,45	1,64	1,15	0,84	0,63	0,49	0,38	0,31	0,25	0,21	0,17	0,14	0,12	0,11	0,09	0,08	0,07	0,06	0,05
0,75	7,2	*	8,82	6,13	4,50	3,45	2,72	2,21	1,82	1,53	1,31	1,13	0,98	0,86	0,76	0,68	0,61	0,55	0,50	0,46	0,42	0,38	0,35
		L/150	8,82	6,13	4,50	3,45	2,69	1,96	1,47	1,14	0,89	0,72	0,58	0,48	0,40	0,34	0,29	0,25	0,21	0,18	0,16	0,14	0,13
		L/200	8,82	6,13	4,29	2,87	2,02	1,47	1,11	0,85	0,67	0,54	0,44	0,36	0,30	0,25	0,21	0,18	0,16	0,14	0,12	0,11	0,09
		L/300	7,84	4,54	2,86	1,92	1,35	0,98	0,74	0,57	0,45	0,36	0,29	0,24	0,20	0,17	0,14	0,12	0,11	0,09	0,08	0,07	0,06
0,88	8,4	*	13,09	9,09	6,68	5,11	4,04	3,27	2,70	2,27	1,94	1,67	1,45	1,28	1,13	1,01	0,91	0,82	0,74	0,68	0,62	0,57	0,52
		L/150	13,09	9,09	6,68	4,62	3,24	2,36	1,78	1,37	1,08	0,86	0,70	0,58	0,48	0,41	0,34	0,30	0,26	0,22	0,19	0,17	0,15
		L/200	13,09	8,21	5,17	3,47	2,43	1,77	1,33	1,03	0,81	0,65	0,53	0,43	0,36	0,30	0,26	0,22	0,19	0,17	0,15	0,13	0,11
		L/300	9,46	5,47	3,45	2,31	1,62	1,18	0,89	0,68	0,54	0,43	0,35	0,29	0,24	0,20	0,17	0,15	0,13	0,11	0,10	0,09	0,08
1,00	9,6	*	17,11	11,88	8,73	6,69	5,28	4,28	3,54	2,97	2,53	2,18	1,90	1,67	1,48	1,32	1,19	1,07	0,97	0,88	0,81	0,74	0,68
		L/150	17,11	11,88	7,95	5,33	3,74	2,73	2,05	1,58	1,24	0,99	0,81	0,67	0,56	0,47	0,40	0,34	0,29	0,26	0,22	0,20	0,17
		L/200	16,39	9,47	5,97	4,00	2,81	2,05	1,54	1,18	0,93	0,75	0,61	0,50	0,42	0,35	0,30	0,26	0,22	0,19	0,17	0,15	0,13
		L/300	10,93	6,32	3,98	2,67	1,87	1,36	1,03	0,79	0,62	0,50	0,40	0,33	0,28	0,23	0,20	0,17	0,15	0,13	0,11	0,10	0,09
1,25	11,9	*	21,58	14,98	11,01	8,43	6,66	5,39	4,46	3,75	3,19	2,75	2,40	2,11	1,87	1,66	1,49	1,35	1,22	1,11	1,02	0,94	0,86
		L/150	21,58	14,98	9,79	6,56	4,61	3,36	2,52	1,94	1,53	1,22	1,00	0,82	0,68	0,58	0,49	0,42	0,36	0,32	0,28	0,24	0,22
		L/200	20,16	11,66	7,34	4,92	3,46	2,52	1,89	1,46	1,15	0,92	0,75	0,62	0,51	0,43	0,37	0,32	0,27	0,24	0,21	0,18	0,16
		L/300	13,44	7,78	4,89	3,28	2,30	1,68	1,26	0,97	0,76	0,61	0,50	0,41	0,34	0,29	0,24	0,21	0,18	0,16	0,14	0,12	0,11

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

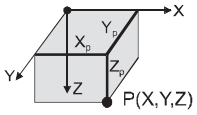
- ☒ 1D-Durchlaufträger
- ■ 2D-Stabwerk
- ■ 3D-Stabwerk
- ■ Trägerrost

4 Knoten
1 Materialien
1 Querschnitte
0 Stabendgelenke
0 Stabteilungen

2 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch Gelagert	-	0.000		
2	Kartesisch Gelagert	-	5.410		
3	Kartesisch Gelagert	-	10.820		
4	Kartesisch	-	0.000		

MATERIALIEN

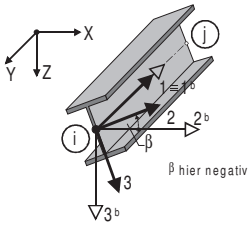
Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

IPE 180

QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnitts-Bezeichnung	I_2 [cm⁴]	A [cm²]	A_3 [cm²]
1	1	IPE 180	1320.00	23.900	

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	2	0.0	1	1	-	-	-	5.410	HORI
2	Balken	2	3	0.0	1	1	-	-	-	5.410	HORI

AUFLAGER

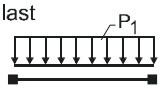
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja
2	2,3	0.0	0.0	Nein	Ja	Ja	Ja	Nein	Ja

BELASTUNG

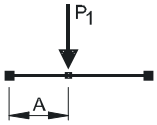
BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	1.00
2	Dachaufbau	1.00	Ständig	-
3	Wind Giebel/ Stabilisierungskraft	1.00	Veränderlich	-
4	Schnee	1.00	Veränderlich	-
5	Stabilisierungskraft	1.00	Imperfektion	-

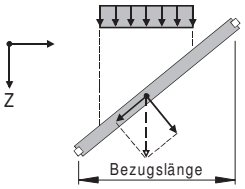
1- Linienlast



2 - Einzellast



Z - Global in Z-Richtung



STABLASTEN LF 2

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1		A	
1	1,2	1	Z	1.810			
2	1	2	Z	2.250		2.705	

KNOTENKRÄFTE LF 3

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
2	3	-11.200	0.000	0.000

STABLASTEN LF 4

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1			
1	1,2	1	Z	1.960			

KNOTENKRÄFTE LF 5

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	3	-13.400	0.000	0.000

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.50*LF3 + 1.50*LF4 + LF5
3	Gebrauchstauglichkeitsnachweis	LF1/Ständig + LF2/Ständig + LF3 + LF4 + LF5

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	PY	PZ	Auflagermomente [kNm] MX	MY	MZ
1	LF1	.000	.000	.381	.000	.000	.000
	LF2	.000	.000	4.586	.000	.000	.000
	LF3	-11.200	.000	.000	.000	.000	.000
	LF4	.000	.000	3.976	.000	.000	.000
	LF5	-13.400	.000	.000	.000	.000	.000
2	LF1	.000	.000	1.269	.000	.000	.000
	LF2	.000	.000	13.787	.000	.000	.000

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] P_X	P_Y	P_Z	Auflagermomente [kNm] M_X	M_Y	M_Z
2	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	13.255	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
3	LF1	.000	.000	.381	.000	.000	.000
	LF2	.000	.000	3.461	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	3.976	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
ΣLasten	LF1	.000	.000	2.030			
ΣKräfte		.000	.000	2.030			
ΣLasten	LF2	.000	.000	21.834			
ΣKräfte		.000	.000	21.834			
ΣLasten	LF3	-11.200	.000	.000			
ΣKräfte		-11.200	.000	.000			
ΣLasten	LF4	.000	.000	21.207			
ΣKräfte		.000	.000	21.207			
ΣLasten	LF5	-13.400	.000	.000			
ΣKräfte		-13.400	.000	.000			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
1	LK1	.00	max	.00	.00	6.71	.00	.00	.00
			min	-30.20	.00	6.71	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
			max	.00	.00	12.67	.00	.00	.00
			min	.00	.00	6.71	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
			max	.00	.00	6.71	.00	.00	.00
			min	.00	.00	6.71	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.70 links	max	.00	.00	-.59	.00	8.27	.00
			min	-30.20	.00	-.59	.00	8.27	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
			max	.00	.00	-.59	.00	8.27	.00
			min	.00	.00	-2.58	.00	13.65	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF4						
			max	.00	.00	-2.58	.00	13.65	.00
			min	.00	.00	-.59	.00	8.27	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
		2.70 rechts	max	.00	.00	-3.63	.00	8.27	.00
			min	-30.20	.00	-3.63	.00	8.27	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
			max	.00	.00	-3.63	.00	8.27	.00
			min	.00	.00	-5.62	.00	13.65	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF4						
			max	.00	.00	-5.62	.00	13.65	.00
			min	.00	.00	-3.63	.00	8.27	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
		5.41	max	.00	.00	-10.92	.00	-11.41	.00
			min	-30.20	.00	-10.92	.00	-11.41	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
			max	.00	.00	-10.92	.00	-11.41	.00
			min	.00	.00	-20.86	.00	-22.16	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF4						
			max	.00	.00	-10.92	.00	-11.41	.00
			min	.00	.00	-20.86	.00	-22.16	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	.00	.00	6.71	.00	.00	.00
		.00	MIN	-30.20	.00	6.71	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
		.00	MAX	.00	.00	12.67	.00	.00	.00
		5.41	MIN	.00	.00	-20.86	.00	-22.16	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF4						
		2.16	MAX	.00	.00	.47	.00	14.22	.00
		5.41	MIN	.00	.00	-20.86	.00	-22.16	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF4						
2	LK1	.00	max	.00	.00	9.40	.00	-11.41	.00
			min	-30.20	.00	9.40	.00	-11.41	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
			max	.00	.00	19.34	.00	-22.16	.00
			min	.00	.00	9.40	.00	-11.41	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
			max	.00	.00	9.40	.00	-11.41	.00
			min	.00	.00	19.34	.00	-22.16	.00
			LF'e in Max: LF1 LF2						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
2			LF'e in Min: LF1 LF2 LF4						
		5.41	max	.00	.00	-5.19	.00	.00	.00
			min	-30.20	.00	-5.19	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
			max	.00	.00	-5.19	.00	.00	.00
			min	.00	.00	-11.15	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF4						
			max	.00	.00	-5.19	.00	.00	.00
			min	.00	.00	-5.19	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	9.40	.00	-11.41	.00
		.00	MIN	-30.20	.00	9.40	.00	-11.41	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3 LF5						
		.00	MAX	.00	.00	19.34	.00	-22.16	.00
		5.41	MIN	.00	.00	-11.15	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF4						
		3.52	MAX	.00	.00	-.48	.00	11.01	.00
		.00	MIN	.00	.00	19.34	.00	-22.16	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF4						

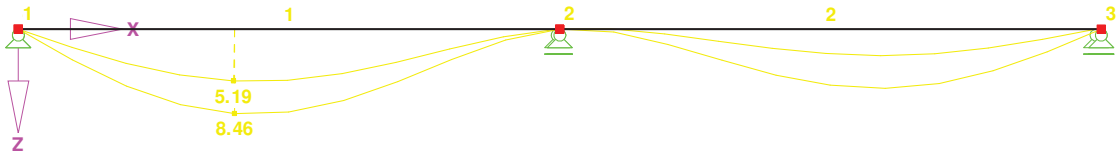
MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] ϕX	ϕY	ϕZ
1	LK3	Max	.00000	.00000	.00000	.00000	-3.49081	.00000
		Min	.00000	.00000	.00000	.00000	-5.82327	.00000
2	LK3	Max	.00000	.00000	.00000	.00000	.74239	.00000
		Min	-.26517	.00000	.00000	.00000	.74239	.00000
3	LK3	Max	.00000	.00000	.00000	.00000	4.33849	.00000
		Min	-.53033	.00000	.00000	.00000	2.00603	.00000
	LK3	*MAX	.00000	.00000	.00000	.00000	4.33849	.00000
		*MIN	-.53033	.00000	.00000	.00000	-5.82327	.00000

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] uX	uY	uZ
1	LK3	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		2	5.41	Max	.00000	.00000	.00000
				Min	-.26517	.00000	.00000
2	LK3	2	.00	Max	.00000	.00000	.00000
				Min	-.26517	.00000	.00000
		3	5.41	Max	.00000	.00000	.00000
				Min	-.53033	.00000	.00000

VERFORMUNG



Max u: 8.46 mm
Faktor für Verschiebungen: 1.85053E-37

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

- ■ 1D-Durchlaufträger
- ☒ 2D-Stabwerk
- ■ 3D-Stabwerk
- ■ Trägerrost

39 Knoten
1 Materialien
5 Querschnitte
0 Stabendgelenke
0 Stabteilungen

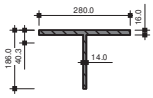
86 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

MATERIALIEN

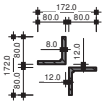
Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

IPE 180

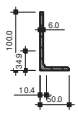
TS 186/280/16/14



2LC L 80x8-12



L 100x50x6

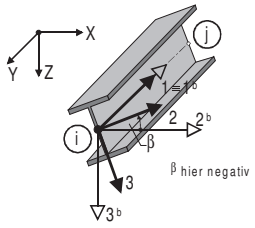


IPE 220

QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnitts-Bezeichnung	I_2 [cm⁴]	A [cm²]	A_3 [cm²]
1	1	IPE 180	1320.00	23.900	
2	1	TS 186/280/16/14	1927.04	68.600	
3	1	2LC L 80x8-12	461.64	24.600	
4	1	L 100x50x6	95.20	8.730	
5	1	IPE 220	2770.00	33.400	

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	3	0.0	1	1	-	-	-	3.300	VERT
2	Balken	3	5	0.0	1	1	-	-	-	3.300	VERT
5	Balken	1	7	0.0	2	2	-	-	-	2.500	HORI
6	Balken	6	18	0.0	2	2	-	-	-	2.500	HORI
7	Balken	7	8	0.0	2	2	-	-	-	2.500	HORI
8	Balken	8	9	0.0	2	2	-	-	-	2.500	HORI
9	Balken	9	10	0.0	2	2	-	-	-	2.500	HORI
10	Balken	10	11	0.0	2	2	-	-	-	2.500	HORI
11	Balken	11	12	0.0	2	2	-	-	-	2.500	HORI
12	Balken	12	13	0.0	2	2	-	-	-	2.500	HORI
13	Balken	13	14	0.0	2	2	-	-	-	2.500	HORI
14	Balken	14	15	0.0	2	2	-	-	-	2.500	HORI

STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
15	Balken	15	16	0.0	2	2	-	-	-	2.500	HORI
16	Balken	16	17	0.0	2	2	-	-	-	2.500	HORI
17	Balken	17	2	0.0	2	2	-	-	-	2.500	HORI
18	Balken	18	19	0.0	2	2	-	-	-	2.500	HORI
19	Balken	19	20	0.0	2	2	-	-	-	2.500	HORI
20	Balken	20	21	0.0	2	2	-	-	-	2.500	HORI
21	Balken	21	22	0.0	2	2	-	-	-	2.500	HORI
22	Balken	22	23	0.0	2	2	-	-	-	2.500	HORI
23	Balken	23	24	0.0	2	2	-	-	-	2.500	HORI
24	Balken	24	25	0.0	2	2	-	-	-	2.500	HORI
25	Balken	25	26	0.0	2	2	-	-	-	2.500	HORI
26	Balken	26	27	0.0	2	2	-	-	-	2.500	HORI
27	Balken	27	28	0.0	2	2	-	-	-	2.500	HORI
28	Balken	28	5	0.0	2	2	-	-	-	2.500	HORI
29	Balken	7	34	0.0	1	1	-	-	-	3.300	VERT
30	Balken	8	29	0.0	5	5	-	-	-	3.300	VERT
31	Balken	9	35	0.0	5	5	-	-	-	3.300	VERT
32	Balken	10	30	0.0	5	5	-	-	-	3.300	VERT
33	Balken	11	36	0.0	5	5	-	-	-	3.300	VERT
34	Balken	12	31	0.0	5	5	-	-	-	3.300	VERT
35	Balken	13	37	0.0	5	5	-	-	-	3.300	VERT
36	Balken	14	32	0.0	5	5	-	-	-	3.300	VERT
37	Balken	15	38	0.0	5	5	-	-	-	3.300	VERT
38	Balken	16	33	0.0	5	5	-	-	-	3.300	VERT
39	Balken	17	39	0.0	1	1	-	-	-	3.300	VERT
40	Balken	29	27	0.0	5	5	-	-	-	3.300	VERT
41	Balken	30	25	0.0	5	5	-	-	-	3.300	VERT
42	Balken	31	23	0.0	5	5	-	-	-	3.300	VERT
43	Balken	32	21	0.0	5	5	-	-	-	3.300	VERT
44	Balken	33	19	0.0	5	5	-	-	-	3.300	VERT
45	Balken	34	28	0.0	1	1	-	-	-	3.300	VERT
46	Balken	35	26	0.0	5	5	-	-	-	3.300	VERT
47	Balken	36	24	0.0	5	5	-	-	-	3.300	VERT
48	Balken	37	22	0.0	5	5	-	-	-	3.300	VERT
49	Balken	38	20	0.0	5	5	-	-	-	3.300	VERT
50	Balken	39	18	0.0	1	1	-	-	-	3.300	VERT
51	Fachwerks	3	34	0.0	4	4	-	-	-	2.500	HORI
52	Fachwerks	34	29	0.0	4	4	-	-	-	2.500	HORI
53	Fachwerks	29	35	0.0	4	4	-	-	-	2.500	HORI
54	Fachwerks	35	30	0.0	4	4	-	-	-	2.500	HORI
55	Fachwerks	30	36	0.0	4	4	-	-	-	2.500	HORI
56	Fachwerks	36	31	0.0	4	4	-	-	-	2.500	HORI
57	Fachwerks	31	37	0.0	4	4	-	-	-	2.500	HORI
58	Fachwerks	37	32	0.0	4	4	-	-	-	2.500	HORI
59	Fachwerks	32	38	0.0	4	4	-	-	-	2.500	HORI
60	Fachwerks	38	33	0.0	4	4	-	-	-	2.500	HORI
61	Fachwerks	33	39	0.0	4	4	-	-	-	2.500	HORI
62	Fachwerks	39	4	0.0	4	4	-	-	-	2.500	HORI
63	Fachwerks	1	34	0.0	3	3	-	-	-	4.140	ALLG
64	Fachwerks	5	34	0.0	3	3	-	-	-	4.140	ALLG
65	Fachwerks	27	34	0.0	3	3	-	-	-	4.140	ALLG
66	Fachwerks	8	34	0.0	3	3	-	-	-	4.140	ALLG
67	Fachwerks	8	35	0.0	3	3	-	-	-	4.140	ALLG
68	Fachwerks	27	35	0.0	3	3	-	-	-	4.140	ALLG
69	Fachwerks	25	35	0.0	3	3	-	-	-	4.140	ALLG
70	Fachwerks	10	35	0.0	3	3	-	-	-	4.140	ALLG
71	Fachwerks	10	36	0.0	3	3	-	-	-	4.140	ALLG
72	Fachwerks	25	36	0.0	3	3	-	-	-	4.140	ALLG
73	Fachwerks	23	36	0.0	3	3	-	-	-	4.140	ALLG
74	Fachwerks	12	36	0.0	3	3	-	-	-	4.140	ALLG
75	Fachwerks	12	37	0.0	3	3	-	-	-	4.140	ALLG
76	Fachwerks	23	37	0.0	3	3	-	-	-	4.140	ALLG
77	Fachwerks	21	37	0.0	3	3	-	-	-	4.140	ALLG
78	Fachwerks	14	37	0.0	3	3	-	-	-	4.140	ALLG
79	Fachwerks	14	38	0.0	3	3	-	-	-	4.140	ALLG
80	Fachwerks	21	38	0.0	3	3	-	-	-	4.140	ALLG
81	Fachwerks	19	38	0.0	3	3	-	-	-	4.140	ALLG
82	Fachwerks	16	38	0.0	3	3	-	-	-	4.140	ALLG
83	Fachwerks	16	39	0.0	3	3	-	-	-	4.140	ALLG
84	Fachwerks	19	39	0.0	3	3	-	-	-	4.140	ALLG
87	Fachwerks	6	39	0.0	3	3	-	-	-	4.140	ALLG
88	Fachwerks	2	39	0.0	3	3	-	-	-	4.140	ALLG
89	Balken	6	4	0.0	1	1	-	-	-	3.300	VERT
90	Balken	4	2	0.0	1	1	-	-	-	3.300	VERT

AUFLAGER

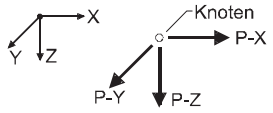
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Drehung [°] Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	6	0.0	0.0	Nein	Ja	Ja	Ja	Nein	Ja
2	1,2	0.0	0.0	Nein	Ja	Nein	Ja	Nein	Ja
3	5	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Wind auf Giebel	1.00	Veränderlich	-
2	Stabilisierungslast	1.00	Imperfektion	-

Globale Knotenkraft

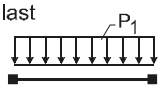


KNOTENKRÄFTE

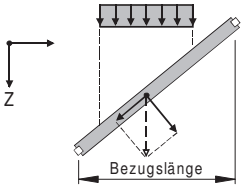
LF 1

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
16	7	0.000	0.000	13.280
17	8	0.000	0.000	13.280
18	9	0.000	0.000	13.280
19	10	0.000	0.000	13.280
20	11	0.000	0.000	13.280
21	12	0.000	0.000	13.280
22	13	0.000	0.000	13.280
23	14	0.000	0.000	13.280
24	15	0.000	0.000	13.280
25	16	0.000	0.000	13.280
26	17	0.000	0.000	13.280
27	1	0.000	0.000	6.640
28	2	0.000	0.000	6.640

1- Linienlast



Z - Global in Z-Richtung



STABLASTEN

LF 2

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1
1	5,7-17	1	Z	5.360

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination	1.50*LF1 + LF2
2	Gebrauchstauglichkeitsnachweis	LF1 + LF2

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	PY	PZ	Auflagermomente [kNm] MX	MY	MZ
1	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
2	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
5	LF1	.000	.000	79.680	.000	.000	.000
	LF2	.000	.000	80.400	.000	.000	.000
6	LF1	.000	.000	79.680	.000	.000	.000
	LF2	.000	.000	80.400	.000	.000	.000
ΣLasten	LF1	.000	.000	159.360			
ΣKräfte		.000	.000	159.360			
ΣLasten	LF2	.000	.000	160.800			
ΣKräfte		.000	.000	160.800			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q2	Q3	Momente [kNm] T	M2	M3
1	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	-.70	.00	1.87	.00
			LF'e in Max:						
			LF'e in Min:	LF1 LF2					
			max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	-.70	.00	1.87	.00
			LF'e in Max:						
			LF'e in Min:	LF1 LF2					
			max	-84.08	.00	-.70	.00	1.87	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max:	LF1 LF2					
			LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	-.70	.00	-.45	.00
			LF'e in Max:						
			LF'e in Min:	LF1 LF2					
			max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	-.70	.00	-.45	.00
			LF'e in Max:						
			LF'e in Min:	LF1 LF2					
			max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	-.70	.00	-.45	.00
			LF'e in Max:						
			LF'e in Min:	LF1 LF2					
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-84.08	.00	-.70	.00	1.87	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
1			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 -84.08	.00 .00	.00 -.70	.00 .00	.00 1.87	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 3.30	MAX MIN	-84.08 -84.08	.00 .00	-.70 -.70	.00 .00	1.87 -.45	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
2	LK1	.00	max min	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -.45	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -.45	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -.45	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max min	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -1.08	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -1.08	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -1.08	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -.45	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -.45	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 3.30	MAX MIN	.00 -84.08	.00 .00	.00 -.19	.00 .00	.00 -1.08	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
5	LK1	.00	max min	.00 -51.95	.00 .00	.00 6.47	.00 .00	.00 -1.87	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	-51.95 .00	.00 .00	6.47 .00	.00 .00	-1.87 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	.00 -51.95	.00 .00	.00 6.47	.00 .00	.00 -1.87	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max min	.00 -51.95	.00 .00	.00 -6.93	.00 .00	.00 -2.44	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	-30.61 -21.33	.00 .00	.44 -7.37	.00 .00	.55 -2.99	.00 .00
			LF'e in Max: LF1 LF'e in Min: LF2						
			max min	-30.61 -21.33	.00 .00	.44 -7.37	.00 .00	.55 -2.99	.00 .00
			LF'e in Max: LF1 LF'e in Min: LF2						
		.00 .00	MAX MIN	.00 -51.95	.00 .00	.00 6.47	.00 .00	.00 -1.87	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 2.50	MAX MIN	-51.95 -21.33	.00 .00	6.47 -7.37	.00 .00	-1.87 -2.99	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF2						
		1.13 2.50	MAX MIN	-21.33 -21.33	.00 .00	.00 -7.37	.00 .00	2.08 -2.99	.00 .00
			LF'e in Max: LF2 LF'e in Min: LF2						
6	LK1	.00	max min	87.15 .00	.00 .00	1.06 .00	.00 .00	-1.08 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	87.15 .00	.00 .00	1.06 .00	.00 .00	-1.08 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	.00 87.15	.00 .00	.00 1.06	.00 .00	.00 -1.08	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max min	87.15 .00	.00 .00	1.06 .00	.00 .00	1.58 .00	.00 .00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
6			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	87.15	.00	1.06	.00	1.58	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	87.15	.00	1.06	.00	1.58	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	87.15	.00	1.06	.00	-1.08	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	87.15	.00	1.06	.00	-1.08	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	MAX	87.15	.00	1.06	.00	1.58	.00
		.00	MIN	87.15	.00	1.06	.00	-1.08	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
7	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-52.27	.00	7.06	.00	-3.28	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-52.27	.00	7.06	.00	-3.28	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-52.27	.00	7.06	.00	-3.28	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-52.27	.00	-6.34	.00	-2.37	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-30.85	.00	.10	.00	.19	.00
			min	-21.42	.00	-6.44	.00	-2.55	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
			max	-30.85	.00	.10	.00	.19	.00
			min	-21.42	.00	-6.44	.00	-2.55	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-52.27	.00	7.06	.00	-3.28	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-52.27	.00	7.06	.00	-3.28	.00
		2.50	MIN	-21.42	.00	-6.44	.00	-2.55	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF2						
		1.38	MAX	-52.27	.00	-.31	.00	1.37	.00
		.00	MIN	-52.27	.00	7.06	.00	-3.28	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
8	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-166.82	.00	7.98	.00	-4.16	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-166.82	.00	7.98	.00	-4.16	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-166.82	.00	7.98	.00	-4.16	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-166.82	.00	-5.42	.00	-.97	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-99.46	.00	.78	.00	1.10	.00
			min	-67.36	.00	-6.21	.00	-2.07	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
			max	-99.46	.00	.78	.00	1.10	.00
			min	-67.36	.00	-6.21	.00	-2.07	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-166.82	.00	7.98	.00	-4.16	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-166.82	.00	7.98	.00	-4.16	.00
		2.50	MIN	-67.36	.00	-6.21	.00	-2.07	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF2						
		1.50	MAX	-166.82	.00	-.06	.00	1.77	.00
		.00	MIN	-166.82	.00	7.98	.00	-4.16	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
9	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	6.36	.00	-2.11	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
9			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-67.51	.00	6.57	.00	-2.52	.00
			min	-99.69	.00	-.20	.00	.41	.00
			LF'e in Max: LF2 LF'e in Min: LF1						
			max	-99.69	.00	-.20	.00	.41	.00
			min	-67.51	.00	6.57	.00	-2.52	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	-7.04	.00	-2.95	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	-7.04	.00	-2.95	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	-7.04	.00	-2.95	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-167.20	.00	6.36	.00	-2.11	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-67.51	.00	6.57	.00	-2.52	.00
		2.50	MIN	-167.20	.00	-7.04	.00	-2.95	.00
			LF'e in Max: LF2 LF'e in Min: LF1 LF2						
		1.13	MAX	-167.20	.00	.33	.00	1.65	.00
		2.50	MIN	-167.20	.00	-7.04	.00	-2.95	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
10	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	7.65	.00	-3.69	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-218.34	.00	7.65	.00	-3.69	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	7.65	.00	-3.69	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	-5.75	.00	-1.30	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-130.28	.00	.57	.00	.89	.00
			min	-88.06	.00	-6.32	.00	-2.19	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
			max	-130.28	.00	.57	.00	.89	.00
			min	-88.06	.00	-6.32	.00	-2.19	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-218.34	.00	7.65	.00	-3.69	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-218.34	.00	7.65	.00	-3.69	.00
		2.50	MIN	-88.06	.00	-6.32	.00	-2.19	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF2						
		1.38	MAX	-218.34	.00	.28	.00	1.77	.00
		.00	MIN	-218.34	.00	7.65	.00	-3.69	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
11	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	6.02	.00	-1.65	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-88.11	.00	6.43	.00	-2.33	.00
			min	-130.35	.00	-.40	.00	.68	.00
			LF'e in Max: LF2 LF'e in Min: LF1						
			max	-130.35	.00	-.40	.00	.68	.00
			min	-88.11	.00	6.43	.00	-2.33	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	-7.38	.00	-3.34	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	-7.38	.00	-3.34	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	-7.38	.00	-3.34	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-218.45	.00	6.02	.00	-1.65	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
11			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-88.11	.00	6.43	.00	-2.33	.00
		2.50	MIN	-218.45	.00	-7.38	.00	-3.34	.00
			LF'e in Max: LF2 LF'e in Min: LF1 LF2						
		1.13	MAX	-218.45	.00	-.01	.00	1.73	.00
		2.50	MIN	-218.45	.00	-7.38	.00	-3.34	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
12	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	7.38	.00	-3.34	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-218.45	.00	7.38	.00	-3.34	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	7.38	.00	-3.34	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-218.45	.00	-6.02	.00	-1.65	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-130.35	.00	.40	.00	.68	.00
			min	-88.11	.00	-6.43	.00	-2.33	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
			max	-130.35	.00	.40	.00	.68	.00
			min	-88.11	.00	-6.43	.00	-2.33	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-218.45	.00	7.38	.00	-3.34	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-218.45	.00	7.38	.00	-3.34	.00
		2.50	MIN	-88.11	.00	-6.43	.00	-2.33	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF2						
		1.38	MAX	-218.45	.00	.01	.00	1.73	.00
		.00	MIN	-218.45	.00	7.38	.00	-3.34	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
13	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	5.75	.00	-1.30	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-88.06	.00	6.32	.00	-2.19	.00
			min	-130.28	.00	-.57	.00	.89	.00
			LF'e in Max: LF2 LF'e in Min: LF1						
			max	-130.28	.00	-.57	.00	.89	.00
			min	-88.06	.00	6.32	.00	-2.19	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	-7.65	.00	-3.69	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	-7.65	.00	-3.69	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-218.34	.00	-7.65	.00	-3.69	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-218.34	.00	5.75	.00	-1.30	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-88.06	.00	6.32	.00	-2.19	.00
		2.50	MIN	-218.34	.00	-7.65	.00	-3.69	.00
			LF'e in Max: LF2 LF'e in Min: LF1 LF2						
		1.13	MAX	-218.34	.00	-.28	.00	1.77	.00
		2.50	MIN	-218.34	.00	-7.65	.00	-3.69	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
14	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	7.04	.00	-2.95	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-167.20	.00	7.04	.00	-2.95	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	7.04	.00	-2.95	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-167.20	.00	-6.36	.00	-2.11	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
14			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	-99.69 -67.51	.00 .00	.20 -6.57	.00 .00	.41 -2.52	.00 .00
			LF'e in Max: LF1 LF'e in Min: LF2						
			max min	-99.69 -67.51	.00 .00	.20 -6.57	.00 .00	.41 -2.52	.00 .00
			LF'e in Max: LF1 LF'e in Min: LF2						
		.00 .00	MAX MIN	.00 -167.20	.00 .00	.00 7.04	.00 .00	.00 -2.95	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 2.50	MAX MIN	-167.20 -67.51	.00 .00	7.04 -6.57	.00 .00	-2.95 -2.52	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF2						
		1.38 .00	MAX MIN	-167.20 -167.20	.00 .00	-.33 7.04	.00 .00	1.65 -2.95	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
15	LK1	.00	max min	.00 -166.82	.00 .00	.00 5.42	.00 .00	.00 -.97	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	-67.36 -99.46	.00 .00	6.21 -.78	.00 .00	-2.07 1.10	.00 .00
			LF'e in Max: LF2 LF'e in Min: LF1						
			max min	-99.46 -67.36	.00 .00	-.78 6.21	.00 .00	1.10 -2.07	.00 .00
			LF'e in Max: LF1 LF'e in Min: LF2						
		2.50	max min	.00 -166.82	.00 .00	.00 -7.98	.00 .00	.00 -4.16	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -166.82	.00 .00	.00 -7.98	.00 .00	.00 -4.16	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -166.82	.00 .00	.00 -7.98	.00 .00	.00 -4.16	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 -166.82	.00 .00	.00 5.42	.00 .00	.00 -.97	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 2.50	MAX MIN	-67.36 -166.82	.00 .00	6.21 -7.98	.00 .00	-2.07 -4.16	.00 .00
			LF'e in Max: LF2 LF'e in Min: LF1 LF2						
		1.00 2.50	MAX MIN	-166.82 -166.82	.00 .00	.06 -7.98	.00 .00	1.77 -4.16	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
16	LK1	.00	max min	.00 -52.27	.00 .00	.00 6.34	.00 .00	.00 -2.37	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	-21.42 -30.85	.00 .00	6.44 -.10	.00 .00	-2.55 .19	.00 .00
			LF'e in Max: LF2 LF'e in Min: LF1						
			max min	-30.85 -21.42	.00 .00	-.10 6.44	.00 .00	.19 -2.55	.00 .00
			LF'e in Max: LF1 LF'e in Min: LF2						
		2.50	max min	.00 -52.27	.00 .00	.00 -7.06	.00 .00	.00 -3.28	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -52.27	.00 .00	.00 -7.06	.00 .00	.00 -3.28	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	.00 -52.27	.00 .00	.00 -7.06	.00 .00	.00 -3.28	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 -52.27	.00 .00	.00 6.34	.00 .00	.00 -2.37	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 2.50	MAX MIN	-21.42 -52.27	.00 .00	6.44 -7.06	.00 .00	-2.55 -3.28	.00 .00
			LF'e in Max: LF2 LF'e in Min: LF1 LF2						
		1.13 2.50	MAX MIN	-52.27 -52.27	.00 .00	.31 -7.06	.00 .00	1.37 -3.28	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
17	LK1	.00	max min	.00 -51.95	.00 .00	.00 6.93	.00 .00	.00 -2.44	.00 .00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
17			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-21.33	.00	7.37	.00	-2.99	.00
			min	-30.61	.00	-.44	.00	.55	.00
			LF'e in Max: LF2 LF'e in Min: LF1						
			max	-30.61	.00	-.44	.00	.55	.00
			min	-21.33	.00	7.37	.00	-2.99	.00
			LF'e in Max: LF1 LF'e in Min: LF2						
		2.50	max	.00	.00	.00	.00	.00	.00
			min	-51.95	.00	-6.47	.00	-1.87	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-51.95	.00	-6.47	.00	-1.87	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-51.95	.00	-6.47	.00	-1.87	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-51.95	.00	6.93	.00	-2.44	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-21.33	.00	7.37	.00	-2.99	.00
		2.50	MIN	-51.95	.00	-6.47	.00	-1.87	.00
			LF'e in Max: LF2 LF'e in Min: LF1 LF2						
		1.38	MAX	-21.33	.00	.00	.00	2.08	.00
		.00	MIN	-21.33	.00	7.37	.00	-2.99	.00
			LF'e in Max: LF2 LF'e in Min: LF2						
18	LK1	.00	max	87.36	.00	-.18	.00	.66	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	87.36	.00	-.18	.00	.66	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	87.36	.00	-.18	.00	.66	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max	87.36	.00	-.18	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	87.36	.00	-.18	.00	.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	87.36	.00	-.18	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	87.36	.00	-.18	.00	.66	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	87.36	.00	-.18	.00	.66	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	87.36	.00	-.18	.00	.66	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
19	LK1	.00	max	173.85	.00	.81	.00	-.75	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	173.85	.00	.81	.00	-.75	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	173.85	.00	.81	.00	-.75	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	173.85	.00	.81	.00	1.29	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	173.85	.00	.81	.00	1.29	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	173.85	.00	.81	.00	1.29	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	173.85	.00	.81	.00	-.75	.00
		.00	MIN	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
19			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	173.85 .00	.00 .00	.81 .00	.00 .00	-.75 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50 .00	MAX MIN	173.85 173.85	.00 .00	.81 .81	.00 .00	1.29 -.75	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
20	LK1	.00	max min	174.11 .00	.00 .00	-.11 .00	.00 .00	.36 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	.00 174.11	.00 .00	.00 -.11	.00 .00	.00 .36	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	174.11 .00	.00 .00	-.11 .00	.00 .00	.36 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max min	174.11 .00	.00 .00	-.11 .00	.00 .00	.10 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	.00 174.11	.00 .00	.00 -.11	.00 .00	.00 .10	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	174.11 .00	.00 .00	-.11 .00	.00 .00	.10 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	174.11 .00	.00 .00	-.11 .00	.00 .00	.36 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	.00 174.11	.00 .00	.00 -.11	.00 .00	.00 .36	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	174.11 .00	.00 .00	-.11 .00	.00 .00	.36 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
21	LK1	.00	max min	223.42 .00	.00 .00	.73 .00	.00 .00	-.61 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	223.42 .00	.00 .00	.73 .00	.00 .00	-.61 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	.00 223.42	.00 .00	.00 .73	.00 .00	.00 -.61	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max min	223.42 .00	.00 .00	.73 .00	.00 .00	1.22 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	223.42 .00	.00 .00	.73 .00	.00 .00	1.22 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	223.42 .00	.00 .00	.73 .00	.00 .00	1.22 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	223.42 .00	.00 .00	.73 .00	.00 .00	-.61 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	223.42 .00	.00 .00	.73 .00	.00 .00	-.61 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50 .00	MAX MIN	223.42 223.42	.00 .00	.73 .73	.00 .00	1.22 -.61	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
22	LK1	.00	max min	223.52 .00	.00 .00	-.48 .00	.00 .00	.89 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max min	.00 223.52	.00 .00	.00 -.48	.00 .00	.00 .89	.00 .00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max min	223.52 .00	.00 .00	-.48 .00	.00 .00	.89 .00	.00 .00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max min	223.52 .00	.00 .00	-.48 .00	.00 .00	-.31 .00	.00 .00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
22			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	223.52	.00	-.48	.00	-.31	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	223.52	.00	-.48	.00	-.31	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	223.52	.00	-.48	.00	.89	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	223.52	.00	-.48	.00	.89	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	223.52	.00	-.48	.00	.89	.00
		2.50	MIN	223.52	.00	-.48	.00	-.31	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
23	LK1	.00	max	223.52	.00	.48	.00	-.31	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	223.52	.00	.48	.00	-.31	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	223.52	.00	.48	.00	-.31	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		2.50	max	223.52	.00	.48	.00	.89	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	223.52	.00	.48	.00	.89	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	223.52	.00	.48	.00	.89	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	223.52	.00	.48	.00	-.31	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	223.52	.00	.48	.00	-.31	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	MAX	223.52	.00	.48	.00	.89	.00
		.00	MIN	223.52	.00	.48	.00	-.31	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
24	LK1	.00	max	223.42	.00	-.73	.00	1.22	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	223.42	.00	-.73	.00	1.22	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	223.42	.00	-.73	.00	1.22	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max	223.42	.00	-.73	.00	-.61	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	223.42	.00	-.73	.00	-.61	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	223.42	.00	-.73	.00	-.61	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	223.42	.00	-.73	.00	1.22	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	223.42	.00	-.73	.00	1.22	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	223.42	.00	-.73	.00	1.22	.00
		2.50	MIN	223.42	.00	-.73	.00	-.61	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
25	LK1	.00	max	174.11	.00	.11	.00	.10	.00
			min	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
25			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	174.11	.00	.11	.00	.10	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	174.11	.00	.11	.00	.10	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max	174.11	.00	.11	.00	.36	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	174.11	.00	.11	.00	.36	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	174.11	.00	.11	.00	.36	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	174.11	.00	.11	.00	.10	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	174.11	.00	.11	.00	.10	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	MAX	174.11	.00	.11	.00	.36	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
26	LK1	.00	max	173.85	.00	-.81	.00	1.29	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	173.85	.00	-.81	.00	1.29	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	173.85	.00	-.81	.00	1.29	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max	173.85	.00	-.81	.00	-.75	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	173.85	.00	-.81	.00	-.75	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	173.85	.00	-.81	.00	-.75	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	173.85	.00	-.81	.00	1.29	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	173.85	.00	-.81	.00	1.29	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	173.85	.00	-.81	.00	1.29	.00
		2.50	MIN	173.85	.00	-.81	.00	-.75	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
27	LK1	.00	max	87.36	.00	.18	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	87.36	.00	.18	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	87.36	.00	.18	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max	87.36	.00	.18	.00	.66	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	87.36	.00	.18	.00	.66	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	87.36	.00	.18	.00	.66	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	87.36	.00	.18	.00	.21	.00
		.00	MIN	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
27			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	87.36	.00	.18	.00	.21	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	MAX	87.36	.00	.18	.00	.66	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
28	LK1	.00	max	87.15	.00	-1.06	.00	1.58	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	87.15	.00	-1.06	.00	1.58	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	87.15	.00	-1.06	.00	1.58	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		2.50	max	87.15	.00	-1.06	.00	-1.08	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	87.15	.00	-1.06	.00	-1.08	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	87.15	.00	-1.06	.00	-1.08	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	87.15	.00	-1.06	.00	1.58	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	87.15	.00	-1.06	.00	1.58	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	87.15	.00	-1.06	.00	1.58	.00
		2.50	MIN	87.15	.00	-1.06	.00	-1.08	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
29	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	-.32	.00	.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	-.32	.00	.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-33.91	.00	-.32	.00	.84	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	-.32	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	-.32	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	-.32	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-33.91	.00	-.32	.00	.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-33.91	.00	-.32	.00	.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-33.91	.00	-.32	.00	.84	.00
		3.30	MIN	-33.91	.00	-.32	.00	-.21	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
30	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.68	.00	1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.68	.00	1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	-.68	.00	1.80	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.68	.00	-.45	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
30			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.68	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.68	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	-.68	.00	1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	-.68	.00	1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-.92	.00	-.68	.00	1.80	.00
		3.30	MIN	-.92	.00	-.68	.00	-.45	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
31	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	-.37	.00	1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	-.37	.00	1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-31.71	.00	-.37	.00	1.14	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	-.37	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	-.37	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	-.37	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-31.71	.00	-.37	.00	1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-31.71	.00	-.37	.00	1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-31.71	.00	-.37	.00	1.14	.00
		3.30	MIN	-31.71	.00	-.37	.00	-.09	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
32	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.23	.00	.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.23	.00	.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-9.38	.00	-.23	.00	.73	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.23	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.23	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.23	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.38	.00	-.23	.00	.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.38	.00	-.23	.00	.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-9.38	.00	-.23	.00	.73	.00
		3.30	MIN	-9.38	.00	-.23	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
33	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	-.11	.00	.35	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
33			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	-.11	.00	.35	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-31.69	.00	-.11	.00	.35	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	-.11	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	-.11	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	-.11	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-31.69	.00	-.11	.00	.35	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-31.69	.00	-.11	.00	.35	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-31.69	.00	-.11	.00	.35	.00
		3.30	MIN	-31.69	.00	-.11	.00	-.01	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
34	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-9.87	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-9.87	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.87	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
35	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	.11	.00	-.35	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-31.69	.00	.11	.00	-.35	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	.11	.00	-.35	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-31.69	.00	.11	.00	.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-31.69	.00	.11	.00	.01	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-31.69	.00	.11	.00	.01	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-31.69	.00	.11	.00	-.35	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
35			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-31.69	.00	.11	.00	-.35	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-31.69	.00	.11	.00	.01	.00
		.00	MIN	-31.69	.00	.11	.00	-.35	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
36	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	.23	.00	-.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-9.38	.00	.23	.00	-.73	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	.23	.00	-.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	.23	.00	.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-9.38	.00	.23	.00	.02	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-9.38	.00	.23	.00	.02	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.38	.00	.23	.00	-.73	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-9.38	.00	.23	.00	-.73	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-9.38	.00	.23	.00	.02	.00
		.00	MIN	-9.38	.00	.23	.00	-.73	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
37	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	.37	.00	-1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-31.71	.00	.37	.00	-1.14	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	.37	.00	-1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-31.71	.00	.37	.00	.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-31.71	.00	.37	.00	.09	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-31.71	.00	.37	.00	.09	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-31.71	.00	.37	.00	-1.14	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-31.71	.00	.37	.00	-1.14	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-31.71	.00	.37	.00	.09	.00
		.00	MIN	-31.71	.00	.37	.00	-1.14	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
38	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.68	.00	-1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	.68	.00	-1.80	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.68	.00	-1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.68	.00	.45	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
38			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	.68	.00	.45	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-.92	.00	.68	.00	.45	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	.68	.00	-1.80	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-.92	.00	.68	.00	-1.80	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-.92	.00	.68	.00	.45	.00
		.00	MIN	-.92	.00	.68	.00	-1.80	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
39	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	.32	.00	-.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-33.91	.00	.32	.00	-.84	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	.32	.00	-.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-33.91	.00	.32	.00	.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-33.91	.00	.32	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-33.91	.00	.32	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-33.91	.00	.32	.00	-.84	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-33.91	.00	.32	.00	-.84	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-33.91	.00	.32	.00	.21	.00
		.00	MIN	-33.91	.00	.32	.00	-.84	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
40	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.15	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.15	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.15	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.15	.00	-.96	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.15	.00	-.96	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.15	.00	-.96	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	-.15	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	-.15	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		3.30	MIN	-.92	.00	-.15	.00	-.96	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
41	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.21	.00	-.02	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
41			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.21	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.21	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.21	.00	-.70	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.21	.00	-.70	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	-.21	.00	-.70	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.38	.00	-.21	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.38	.00	-.21	.00	-.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		3.30	MIN	-9.38	.00	-.21	.00	-.70	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
42	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-9.87	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-9.87	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.87	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min:						
43	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	.21	.00	.02	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-9.38	.00	.21	.00	.02	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-9.38	.00	.21	.00	.02	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-9.38	.00	.21	.00	.70	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-9.38	.00	.21	.00	.70	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-9.38	.00	.21	.00	.70	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-9.38	.00	.21	.00	.02	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
43			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-9.38	.00	.21	.00	.02	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-9.38	.00	.21	.00	.70	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
44	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.15	.00	.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	.15	.00	.45	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-.92	.00	.15	.00	.45	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.15	.00	.96	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	.15	.00	.96	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-.92	.00	.15	.00	.96	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	.15	.00	.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-.92	.00	.15	.00	.45	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-.92	.00	.15	.00	.96	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
45	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	-.21	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	-.21	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	-.21	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	-.21	.00	-.92	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	-.21	.00	-.92	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	-.21	.00	-.92	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.24	.00	-.21	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.24	.00	-.21	.00	-.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		3.30	MIN	-1.24	.00	-.21	.00	-.92	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
46	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.26	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.26	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.26	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.26	.00	-.93	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
46			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.26	.00	-.93	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	-.26	.00	-.93	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	-.26	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	-.26	.00	-.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		3.30	MIN	-.92	.00	-.26	.00	-.93	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
47	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	-.10	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	-.10	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	-.10	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	-.10	.00	-.33	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	-.10	.00	-.33	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	-.10	.00	-.33	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.21	.00	-.10	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.21	.00	-.10	.00	-.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		3.30	MIN	-1.21	.00	-.10	.00	-.33	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
48	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	.10	.00	.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-1.21	.00	.10	.00	.01	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-1.21	.00	.10	.00	.01	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-1.21	.00	.10	.00	.33	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-1.21	.00	.10	.00	.33	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-1.21	.00	.10	.00	.33	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.21	.00	.10	.00	.01	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-1.21	.00	.10	.00	.01	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	MAX	-1.21	.00	.10	.00	.33	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
49	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.26	.00	.09	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
49			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	.26	.00	.09	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-.92	.00	.26	.00	.09	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-.92	.00	.26	.00	.93	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-.92	.00	.26	.00	.93	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-.92	.00	.26	.00	.93	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-.92	.00	.26	.00	.09	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-.92	.00	.26	.00	.09	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-.92	.00	.26	.00	.93	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
50	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	.21	.00	.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-1.24	.00	.21	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-1.24	.00	.21	.00	.21	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-1.24	.00	.21	.00	.92	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-1.24	.00	.21	.00	.92	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-1.24	.00	.21	.00	.92	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.24	.00	.21	.00	.21	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-1.24	.00	.21	.00	.21	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-1.24	.00	.21	.00	.92	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
51	LK1	.00	max	.51	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.51	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00	MAX	.51	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
52	LK1	.00	max	.00	.00	.00			
			min	-9.43	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
52			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-9.43	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-9.43	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
53	LK1	.00	max	.00	.00	.00			
			min	-8.90	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-8.90	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-8.90	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
54	LK1	.00	max	.00	.00	.00			
			min	-.32	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-.32	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-.32	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
55	LK1	.00	max	.00	.00	.00			
			min	-.30	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-.30	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-.30	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
56	LK1	.00	max	.23	.00	.00			
			min	.00	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
56			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.23	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00	MAX	.23	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
57	LK1	.00	max	.23	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.23	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00	MAX	.23	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
58	LK1	.00	max	.00	.00	.00			
			min	-.30	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-.30	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00	MAX	.00	.00	.00			
		.00	MIN	-.30	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
59	LK1	.00	max	.00	.00	.00			
			min	-.32	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-.32	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00	MAX	.00	.00	.00			
		.00	MIN	-.32	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00			
		.00	MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
60	LK1	.00	max	.00	.00	.00			
			min	-8.90	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
60			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-8.90	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-8.90	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
61	LK1	.00	max	.00	.00	.00			
			min	-9.43	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.00	.00	.00			
			min	-9.43	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-9.43	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
62	LK1	.00	max	.51	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		2.50	max	.51	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.51	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
63	LK1	.00	max	84.86	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	84.86	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	84.86	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
64	LK1	.00	max	.00	.00	.00			
			min	-144.00	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
64			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-144.00	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-144.00	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
65	LK1	.00	max	72.69	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	72.69	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	72.69	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
66	LK1	.00	max	.00	.00	.00			
			min	-115.19	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-115.19	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-115.19	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
67	LK1	.00	max	73.39	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	73.39	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	73.39	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
68	LK1	.00	max	.00	.00	.00			
			min	-70.29	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
68			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-70.29	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-70.29	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
69	LK1	.00	max	47.07	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	47.07	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	47.07	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
70	LK1	.00	max	.00	.00	.00			
			min	-57.99	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-57.99	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-57.99	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
71	LK1	.00	max	26.34	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	26.34	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	26.34	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
72	LK1	.00	max	.00	.00	.00			
			min	-34.25	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
72			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-34.25	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-34.25	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
73	LK1	.00	max	6.79	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	6.79	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	6.79	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
74	LK1	.00	max	.00	.00	.00			
			min	-15.56	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-15.56	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-15.56	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
75	LK1	.00	max	.00	.00	.00			
			min	-15.56	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-15.56	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-15.56	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
76	LK1	.00	max	6.79	.00	.00			
			min	.00	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
76			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	6.79	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	6.79	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
77	LK1	.00	max	.00	.00	.00			
			min	-34.25	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-34.25	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-34.25	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
78	LK1	.00	max	26.34	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	26.34	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	26.34	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
79	LK1	.00	max	.00	.00	.00			
			min	-57.99	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-57.99	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-57.99	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
80	LK1	.00	max	47.07	.00	.00			
			min	.00	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
80			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	47.07	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	47.07	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
81	LK1	.00	max	.00	.00	.00			
			min	-70.29	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-70.29	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-70.29	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
82	LK1	.00	max	73.39	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	73.39	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	73.39	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
83	LK1	.00	max	.00	.00	.00			
			min	-115.19	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-115.19	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX	.00	.00	.00			
			MIN	-115.19	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00			
			MIN	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
84	LK1	.00	max	72.69	.00	.00			
			min	.00	.00	.00			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
84			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	72.69	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX MIN	72.69 .00	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	.00 .00	.00 .00	.00 .00			
			LF'e in Max: LF'e in Min:						
87	LK1	.00	max	.00	.00	.00			
			min	-144.00	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	.00	.00	.00			
			min	-144.00	.00	.00			
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX MIN	.00 -144.00	.00 .00	.00 .00			
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 .00	.00 .00	.00 .00			
			LF'e in Max: LF'e in Min:						
88	LK1	.00	max	84.86	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		4.14	max	84.86	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00			
			min	.00	.00	.00			
			LF'e in Max: LF'e in Min:						
		.00 .00	MAX MIN	84.86 .00	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00 .00	MAX MIN	.00 .00	.00 .00	.00 .00			
			LF'e in Max: LF'e in Min:						
89	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.19	.00	-1.08	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-84.08	.00	.19	.00	-1.08	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.19	.00	-1.08	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.19	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-84.08	.00	.19	.00	-.45	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.19	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00 .00	MAX MIN	.00 -84.08	.00 .00	.00 .19	.00 .00	.00 -1.08	.00 .00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
89			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-84.08	.00	.19	.00	-1.08	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-84.08	.00	.19	.00	-1.08	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
90	LK1	.00	max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.70	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-84.08	.00	.70	.00	-.45	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.70	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		3.30	max	.00	.00	.00	.00	.00	.00
			min	-84.08	.00	.70	.00	1.87	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
			max	-84.08	.00	.70	.00	1.87	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
			max	-84.08	.00	.70	.00	1.87	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-84.08	.00	.70	.00	-.45	.00
			LF'e in Max: LF'e in Min: LF1 LF2						
		.00	MAX	-84.08	.00	.70	.00	-.45	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min:						
		3.30	MAX	-84.08	.00	.70	.00	1.87	.00
		.00	MIN	-84.08	.00	.70	.00	-.45	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] ϕX	ϕY	ϕZ
1	LK1	Max	3.20082	.00000	1.10561	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-1.03879	.00000
2	LK1	Max	.16379	.00000	1.10561	.00000	1.03879	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
3	LK1	Max	1.93071	.00000	.55281	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.19195	.00000
4	LK1	Max	1.43391	.00000	.55281	.00000	.19195	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
5	LK1	Max	.00000	.00000	.00000	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-1.10324	.00000
6	LK1	Max	3.36460	.00000	.00000	.00000	1.10324	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
7	LK1	Max	3.11066	.00000	3.13868	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.64590	.00000
8	LK1	Max	3.01996	.00000	4.89372	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.66422	.00000
9	LK1	Max	2.73046	.00000	6.79010	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.52430	.00000
10	LK1	Max	2.44032	.00000	7.79412	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.36545	.00000
11	LK1	Max	2.06140	.00000	8.78459	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.18157	.00000
12	LK1	Max	1.68230	.00000	8.79424	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
13	LK1	Max	1.30320	.00000	8.78459	.00000	.18157	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
14	LK1	Max	.92430	.00000	7.79412	.00000	.36545	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
15	LK1	Max	.63414	.00000	6.79010	.00000	.52430	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
16	LK1	Max	.34465	.00000	4.89372	.00000	.66422	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
17	LK1	Max	.25394	.00000	3.13868	.00000	.64590	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
18	LK1	Max	3.21338	.00000	2.90754	.00000	.94878	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
19	LK1	Max	3.06179	.00000	4.88508	.00000	.67962	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
20	LK1	Max	2.76008	.00000	6.63659	.00000	.51198	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
21	LK1	Max	2.45792	.00000	7.70585	.00000	.37054	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
22	LK1	Max	2.07020	.00000	8.62980	.00000	.18028	.00000

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm]			Verdrehungen [mrad]		
			uX	uY	uZ	φX	φY	φZ
22	LK1	Min	.00000	.00000	.00000	.00000	.00000	.00000
23	LK1	Max	1.68230	.00000	8.70142	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
24	LK1	Max	1.29440	.00000	8.62980	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.18028	.00000
25	LK1	Max	.90667	.00000	7.70585	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.37054	.00000
26	LK1	Max	.60453	.00000	6.63659	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.51198	.00000
27	LK1	Max	.30284	.00000	4.88508	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.67962	.00000
28	LK1	Max	.15123	.00000	2.90754	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.94878	.00000
29	LK1	Max	1.80911	.00000	4.88940	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.28156	.00000
30	LK1	Max	1.68331	.00000	7.74998	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.16456	.00000
31	LK1	Max	1.68230	.00000	8.74784	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
32	LK1	Max	1.68130	.00000	7.74998	.00000	.16456	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
33	LK1	Max	1.55550	.00000	4.88940	.00000	.28156	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
34	LK1	Max	1.93769	.00000	2.91572	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.27393	.00000
35	LK1	Max	1.68768	.00000	6.64093	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.22410	.00000
36	LK1	Max	1.67923	.00000	8.63548	.00000	.00000	.00000
		Min	.00000	.00000	.00000	.00000	-.08386	.00000
37	LK1	Max	1.68539	.00000	8.63548	.00000	.08386	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
38	LK1	Max	1.67692	.00000	6.64093	.00000	.22410	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
39	LK1	Max	1.42691	.00000	2.91572	.00000	.27393	.00000
		Min	.00000	.00000	.00000	.00000	.00000	.00000
	LK1	*MAX	3.36460	.00000	8.79424	.00000	1.10324	.00000
		*MIN	.00000	.00000	.00000	.00000	-1.10324	.00000

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm]		
					uX	uY	uZ
1	LK1	1	.00	Max	3.20082	.00000	1.10561
				Min	.00000	.00000	.00000
		3	3.30	Max	1.93071	.00000	.55281
				Min	.00000	.00000	.00000
2	LK1	3	.00	Max	1.93071	.00000	.55281
				Min	.00000	.00000	.00000
		5	3.30	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
5	LK1	1	.00	Max	3.20082	.00000	1.10561
				Min	.00000	.00000	.00000
		7	2.50	Max	3.11066	.00000	3.13868
				Min	.00000	.00000	.00000
6	LK1	6	.00	Max	3.36460	.00000	.00000
				Min	.00000	.00000	.00000
		18	2.50	Max	3.21338	.00000	2.90754
				Min	.00000	.00000	.00000
7	LK1	7	.00	Max	3.11066	.00000	3.13868
				Min	.00000	.00000	.00000
		8	2.50	Max	3.01996	.00000	4.89372
				Min	.00000	.00000	.00000
8	LK1	8	.00	Max	3.01996	.00000	4.89372
				Min	.00000	.00000	.00000
		9	2.50	Max	2.73046	.00000	6.79010
				Min	.00000	.00000	.00000
9	LK1	9	.00	Max	2.73046	.00000	6.79010
				Min	.00000	.00000	.00000
		10	2.50	Max	2.44032	.00000	7.79412
				Min	.00000	.00000	.00000
10	LK1	10	.00	Max	2.44032	.00000	7.79412
				Min	.00000	.00000	.00000
		11	2.50	Max	2.06140	.00000	8.78459
				Min	.00000	.00000	.00000
11	LK1	11	.00	Max	2.06140	.00000	8.78459
				Min	.00000	.00000	.00000
		12	2.50	Max	1.68230	.00000	8.79424
				Min	.00000	.00000	.00000
12	LK1	12	.00	Max	1.68230	.00000	8.79424
				Min	.00000	.00000	.00000
		13	2.50	Max	1.30320	.00000	8.78459
				Min	.00000	.00000	.00000
13	LK1	13	.00	Max	1.30320	.00000	8.78459
				Min	.00000	.00000	.00000
		14	2.50	Max	.92430	.00000	7.79412
				Min	.00000	.00000	.00000
14	LK1	14	.00	Max	.92430	.00000	7.79412
				Min	.00000	.00000	.00000
		15	2.50	Max	.63414	.00000	6.79010
				Min	.00000	.00000	.00000
15	LK1	15	.00	Max	.63414	.00000	6.79010
				Min	.00000	.00000	.00000
		16	2.50	Max	.34465	.00000	4.89372
				Min	.00000	.00000	.00000

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
16	LK1	16	.00	Max	.34465	.00000	4.89372
				Min	.00000	.00000	.00000
		17	2.50	Max	.25394	.00000	3.13868
				Min	.00000	.00000	.00000
17	LK1	17	.00	Max	.25394	.00000	3.13868
				Min	.00000	.00000	.00000
		2	2.50	Max	.16379	.00000	1.10561
				Min	.00000	.00000	.00000
18	LK1	18	.00	Max	3.21338	.00000	2.90754
				Min	.00000	.00000	.00000
		19	2.50	Max	3.06179	.00000	4.88508
				Min	.00000	.00000	.00000
19	LK1	19	.00	Max	3.06179	.00000	4.88508
				Min	.00000	.00000	.00000
		20	2.50	Max	2.76008	.00000	6.63659
				Min	.00000	.00000	.00000
20	LK1	20	.00	Max	2.76008	.00000	6.63659
				Min	.00000	.00000	.00000
		21	2.50	Max	2.45792	.00000	7.70585
				Min	.00000	.00000	.00000
21	LK1	21	.00	Max	2.45792	.00000	7.70585
				Min	.00000	.00000	.00000
		22	2.50	Max	2.07020	.00000	8.62980
				Min	.00000	.00000	.00000
22	LK1	22	.00	Max	2.07020	.00000	8.62980
				Min	.00000	.00000	.00000
		23	2.50	Max	1.68230	.00000	8.70142
				Min	.00000	.00000	.00000
23	LK1	23	.00	Max	1.68230	.00000	8.70142
				Min	.00000	.00000	.00000
		24	2.50	Max	1.29440	.00000	8.62980
				Min	.00000	.00000	.00000
24	LK1	24	.00	Max	1.29440	.00000	8.62980
				Min	.00000	.00000	.00000
		25	2.50	Max	.90667	.00000	7.70585
				Min	.00000	.00000	.00000
25	LK1	25	.00	Max	.90667	.00000	7.70585
				Min	.00000	.00000	.00000
		26	2.50	Max	.60453	.00000	6.63659
				Min	.00000	.00000	.00000
26	LK1	26	.00	Max	.60453	.00000	6.63659
				Min	.00000	.00000	.00000
		27	2.50	Max	.30284	.00000	4.88508
				Min	.00000	.00000	.00000
27	LK1	27	.00	Max	.30284	.00000	4.88508
				Min	.00000	.00000	.00000
		28	2.50	Max	.15123	.00000	2.90754
				Min	.00000	.00000	.00000
28	LK1	28	.00	Max	.15123	.00000	2.90754
				Min	.00000	.00000	.00000
		5	2.50	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
29	LK1	7	.00	Max	3.11066	.00000	3.13868
				Min	.00000	.00000	.00000
		34	3.30	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
30	LK1	8	.00	Max	3.01996	.00000	4.89372
				Min	.00000	.00000	.00000
		29	3.30	Max	1.80911	.00000	4.88940
				Min	.00000	.00000	.00000
31	LK1	9	.00	Max	2.73046	.00000	6.79010
				Min	.00000	.00000	.00000
		35	3.30	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
32	LK1	10	.00	Max	2.44032	.00000	7.79412
				Min	.00000	.00000	.00000
		30	3.30	Max	1.68331	.00000	7.74998
				Min	.00000	.00000	.00000
33	LK1	11	.00	Max	2.06140	.00000	8.78459
				Min	.00000	.00000	.00000
		36	3.30	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
34	LK1	12	.00	Max	1.68230	.00000	8.79424
				Min	.00000	.00000	.00000
		31	3.30	Max	1.68230	.00000	8.74784
				Min	.00000	.00000	.00000
35	LK1	13	.00	Max	1.30320	.00000	8.78459
				Min	.00000	.00000	.00000
		37	3.30	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
36	LK1	14	.00	Max	.92430	.00000	7.79412
				Min	.00000	.00000	.00000
		32	3.30	Max	1.68130	.00000	7.74998
				Min	.00000	.00000	.00000
37	LK1	15	.00	Max	.63414	.00000	6.79010
				Min	.00000	.00000	.00000
		38	3.30	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
38	LK1	16	.00	Max	.34465	.00000	4.89372
				Min	.00000	.00000	.00000
		33	3.30	Max	1.55550	.00000	4.88940
				Min	.00000	.00000	.00000
39	LK1	17	.00	Max	.25394	.00000	3.13868
				Min	.00000	.00000	.00000
		39	3.30	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
40	LK1	29	.00	Max	1.80911	.00000	4.88940
				Min	.00000	.00000	.00000
		27	3.30	Max	.30284	.00000	4.88508
				Min	.00000	.00000	.00000
41	LK1	30	.00	Max	1.68331	.00000	7.74998
				Min	.00000	.00000	.00000
		25	3.30	Max	.90667	.00000	7.70585
				Min	.00000	.00000	.00000
42	LK1	31	.00	Max	1.68230	.00000	8.74784
				Min	.00000	.00000	.00000
		23	3.30	Max	1.68230	.00000	8.70142
				Min	.00000	.00000	.00000
43	LK1	32	.00	Max	1.68130	.00000	7.74998
				Min	.00000	.00000	.00000
		21	3.30	Max	2.45792	.00000	7.70585
				Min	.00000	.00000	.00000
44	LK1	33	.00	Max	1.55550	.00000	4.88940
				Min	.00000	.00000	.00000
		19	3.30	Max	3.06179	.00000	4.88508
				Min	.00000	.00000	.00000
45	LK1	34	.00	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
		28	3.30	Max	.15123	.00000	2.90754
				Min	.00000	.00000	.00000
46	LK1	35	.00	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
		26	3.30	Max	.60453	.00000	6.63659
				Min	.00000	.00000	.00000
47	LK1	36	.00	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
		24	3.30	Max	1.29440	.00000	8.62980
				Min	.00000	.00000	.00000
48	LK1	37	.00	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
		22	3.30	Max	2.07020	.00000	8.62980
				Min	.00000	.00000	.00000
49	LK1	38	.00	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
		20	3.30	Max	2.76008	.00000	6.63659
				Min	.00000	.00000	.00000
50	LK1	39	.00	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
		18	3.30	Max	3.21338	.00000	2.90754
				Min	.00000	.00000	.00000
51	LK1	3	.00	Max	1.93071	.00000	.55281
				Min	.00000	.00000	.00000
		34	2.50	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
52	LK1	34	.00	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
		29	2.50	Max	1.80911	.00000	4.88940
				Min	.00000	.00000	.00000
53	LK1	29	.00	Max	1.80911	.00000	4.88940
				Min	.00000	.00000	.00000
		35	2.50	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
54	LK1	35	.00	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
		30	2.50	Max	1.68331	.00000	7.74998
				Min	.00000	.00000	.00000
55	LK1	30	.00	Max	1.68331	.00000	7.74998
				Min	.00000	.00000	.00000
		36	2.50	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
56	LK1	36	.00	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
		31	2.50	Max	1.68230	.00000	8.74784
				Min	.00000	.00000	.00000
57	LK1	31	.00	Max	1.68230	.00000	8.74784
				Min	.00000	.00000	.00000
		37	2.50	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
58	LK1	37	.00	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
		32	2.50	Max	1.68130	.00000	7.74998
				Min	.00000	.00000	.00000
59	LK1	32	.00	Max	1.68130	.00000	7.74998
				Min	.00000	.00000	.00000
		38	2.50	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
60	LK1	38	.00	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
		33	2.50	Max	1.55550	.00000	4.88940
				Min	.00000	.00000	.00000
61	LK1	33	.00	Max	1.55550	.00000	4.88940
				Min	.00000	.00000	.00000
		39	2.50	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
62	LK1	39	.00	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
		4	2.50	Max	1.43391	.00000	.55281
				Min	.00000	.00000	.00000
63	LK1	1	.00	Max	3.20082	.00000	1.10561
				Min	.00000	.00000	.00000
		34	4.14	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000

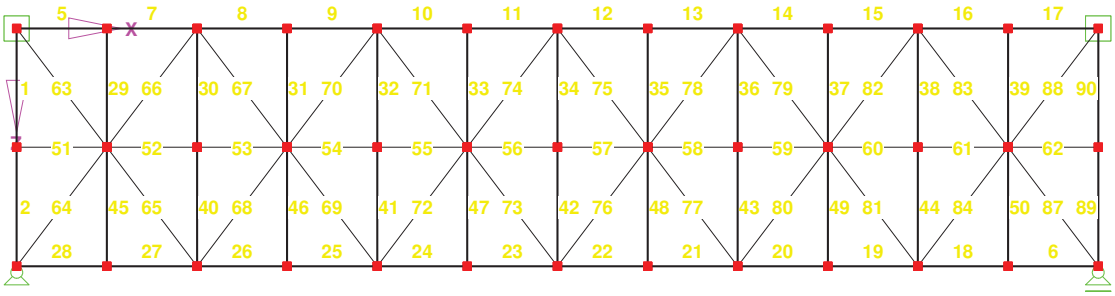
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
64	LK1	5	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		34	4.14	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
65	LK1	27	.00	Max	.30284	.00000	4.88508
				Min	.00000	.00000	.00000
		34	4.14	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
66	LK1	8	.00	Max	3.01996	.00000	4.89372
				Min	.00000	.00000	.00000
		34	4.14	Max	1.93769	.00000	2.91572
				Min	.00000	.00000	.00000
67	LK1	8	.00	Max	3.01996	.00000	4.89372
				Min	.00000	.00000	.00000
		35	4.14	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
68	LK1	27	.00	Max	.30284	.00000	4.88508
				Min	.00000	.00000	.00000
		35	4.14	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
69	LK1	25	.00	Max	.90667	.00000	7.70585
				Min	.00000	.00000	.00000
		35	4.14	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
70	LK1	10	.00	Max	2.44032	.00000	7.79412
				Min	.00000	.00000	.00000
		35	4.14	Max	1.68768	.00000	6.64093
				Min	.00000	.00000	.00000
71	LK1	10	.00	Max	2.44032	.00000	7.79412
				Min	.00000	.00000	.00000
		36	4.14	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
72	LK1	25	.00	Max	.90667	.00000	7.70585
				Min	.00000	.00000	.00000
		36	4.14	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
73	LK1	23	.00	Max	1.68230	.00000	8.70142
				Min	.00000	.00000	.00000
		36	4.14	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
74	LK1	12	.00	Max	1.68230	.00000	8.79424
				Min	.00000	.00000	.00000
		36	4.14	Max	1.67923	.00000	8.63548
				Min	.00000	.00000	.00000
75	LK1	12	.00	Max	1.68230	.00000	8.79424
				Min	.00000	.00000	.00000
		37	4.14	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
76	LK1	23	.00	Max	1.68230	.00000	8.70142
				Min	.00000	.00000	.00000
		37	4.14	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
77	LK1	21	.00	Max	2.45792	.00000	7.70585
				Min	.00000	.00000	.00000
		37	4.14	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
78	LK1	14	.00	Max	.92430	.00000	7.79412
				Min	.00000	.00000	.00000
		37	4.14	Max	1.68539	.00000	8.63548
				Min	.00000	.00000	.00000
79	LK1	14	.00	Max	.92430	.00000	7.79412
				Min	.00000	.00000	.00000
		38	4.14	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
80	LK1	21	.00	Max	2.45792	.00000	7.70585
				Min	.00000	.00000	.00000
		38	4.14	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
81	LK1	19	.00	Max	3.06179	.00000	4.88508
				Min	.00000	.00000	.00000
		38	4.14	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
82	LK1	16	.00	Max	.34465	.00000	4.89372
				Min	.00000	.00000	.00000
		38	4.14	Max	1.67692	.00000	6.64093
				Min	.00000	.00000	.00000
83	LK1	16	.00	Max	.34465	.00000	4.89372
				Min	.00000	.00000	.00000
		39	4.14	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
84	LK1	19	.00	Max	3.06179	.00000	4.88508
				Min	.00000	.00000	.00000
		39	4.14	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
87	LK1	6	.00	Max	3.36460	.00000	.00000
				Min	.00000	.00000	.00000
		39	4.14	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
88	LK1	2	.00	Max	.16379	.00000	1.10561
				Min	.00000	.00000	.00000
		39	4.14	Max	1.42691	.00000	2.91572
				Min	.00000	.00000	.00000
89	LK1	6	.00	Max	3.36460	.00000	.00000
				Min	.00000	.00000	.00000
		4	3.30	Max	1.43391	.00000	.55281
				Min	.00000	.00000	.00000

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
90	LK1	4	.00	Max	1.43391	.00000	.55281
				Min	.00000	.00000	.00000
		2	3.30	Max	.16379	.00000	1.10561
				Min	.00000	.00000	.00000

STABNUMMERIERUNG



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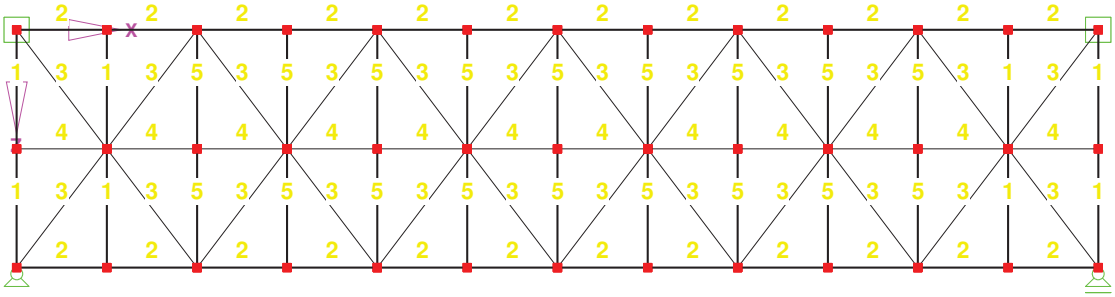
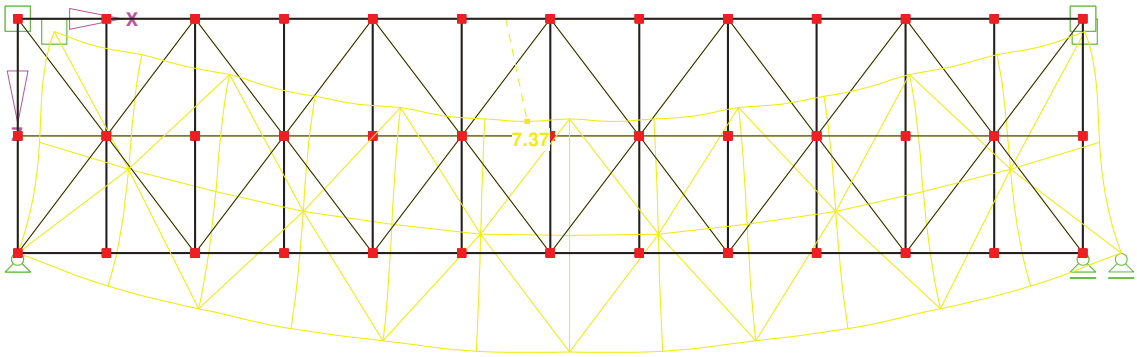


VERFORMUNG



Max u: 7.37 mm
Faktor für Verschiebungen: 4.86883E-36

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

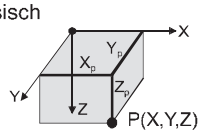
- ■ 1D-Durchlaufträger
- ■ 2D-Stabwerk
- ☒ 3D-Stabwerk
- ■ Trägerrost

24 Knoten
1 Materialien
8 Querschnitte
5 Stabendgelenke
0 Stabteilungen

45 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch	-	0.000	0.000	0.000
4	Kartesisch	-	0.000	0.000	1.865
5	Kartesisch	-	-12.500	0.000	0.700
6	Kartesisch	-	-10.000	0.000	0.560
7	Kartesisch	-	-7.500	0.000	0.420
8	Kartesisch	-	-5.000	0.000	0.280
9	Kartesisch	-	-2.500	0.000	0.140
10	Kartesisch	-	-12.500	0.000	1.928
11	Kartesisch	-	-10.000	0.000	1.915
12	Kartesisch	-	-7.500	0.000	1.903
13	Kartesisch	-	-5.000	0.000	1.890
14	Kartesisch	-	-2.500	0.000	1.878
16	Kartesisch	-	-14.699	0.000	0.823
17	Kartesisch	-	12.500	0.000	0.700
18	Kartesisch	-	10.000	0.000	0.560
19	Kartesisch	-	7.500	0.000	0.420
20	Kartesisch	-	5.000	0.000	0.280
21	Kartesisch	-	2.500	0.000	0.140
22	Kartesisch	-	12.500	0.000	1.928
23	Kartesisch	-	10.000	0.000	1.915
24	Kartesisch	-	7.500	0.000	1.903
25	Kartesisch	-	5.000	0.000	1.890
26	Kartesisch	-	2.500	0.000	1.878
28	Kartesisch	-	14.699	0.000	0.823

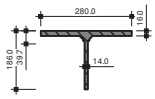
MATERIALIEN

Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

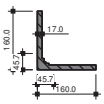
QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnittsbezeichnung Querschnittsdrehung	I_T A	I_2 A_2	I_3 [cm⁴] A_3 [cm²]
1	1	TS 186/280/16/14/21	70.75 70.493	1934.39	2933.70

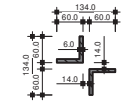
TS 186/280/16/14/21



L 160x17



2LC L 60x6-14



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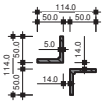
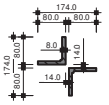
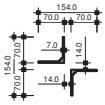


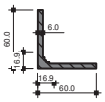
2LC L 80x8-14



2LC L 70x7-14



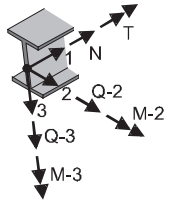
L 60x6



QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnittsbezeichnung Querschnittsdrehung	I_T A	I_2 A_2	I_3 [cm⁴] A_3 [cm²]
2	1	L 160x17 α = 90.00°	51.11 51.800	1950.00	506.00
3	1	2LC L 60x6-14 α = -45.00°	1.69 13.820	176.74	72.20
4	1	2LC L 50x5-14 α = -45.00°	0.82 9.600	93.85	34.80
5	1	2LC L 80x8-14 α = -45.00°	5.34 24.600	490.27	230.00
6	1	2LC L 70x7-14 α = -45.00°	3.13 18.800	303.25	134.20
7	1	L 60x6 α = -45.00°	0.85 6.910	36.10	9.43
8	1	2LC L 60x6-14 α = -45.00°	1.69 13.820	176.74	72.20

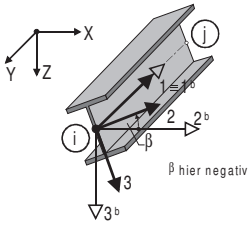
Lokale Gelenkdefinition



STABENDGELENKE

Gelenk-Nr.	Bezugs-Achse	N-/Q-Gelenk bzw. Feder [kN/m]			T-/M-Gelenk bzw. Feder [kNm/rad]		
		1-Normal	2-Schub	3-Schub	1-Torsion	2-Biegung	3-Biegung
1	Lokal	Nein	Ja	Ja	Ja	Ja	Ja
2	Lokal	Nein	Nein	Nein	Nein	Ja	Ja
3	Lokal	Nein	Ja	Nein	Nein	Ja	Ja
4	Lokal	Nein	Nein	Nein	Nein	Ja	Ja
5	Lokal	Nein	Ja	Nein	Nein	Ja	Ja

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
4	Balken	5	6	0.0	1	1	-	-	-	2.504	ALLG
5	Balken	4	1	0.0	4	4	5	-	-	1.865	VERT
6	Balken	6	7	0.0	1	1	-	-	-	2.504	ALLG
7	Balken	7	8	0.0	1	1	-	-	-	2.504	ALLG
8	Balken	8	9	0.0	1	1	-	-	-	2.504	ALLG
9	Balken	9	1	0.0	1	1	-	-	-	2.504	ALLG
10	Balken	10	11	0.0	2	2	-	-	-	2.500	ALLG
11	Balken	11	12	0.0	2	2	-	-	-	2.500	ALLG
12	Balken	12	13	0.0	2	2	-	-	-	2.500	ALLG
13	Balken	13	14	0.0	2	2	-	-	-	2.500	ALLG
14	Balken	14	4	0.0	2	2	-	-	-	2.500	ALLG
15	Balken	10	5	0.0	3	3	5	-	-	1.227	VERT
16	Balken	11	6	0.0	3	3	5	-	-	1.355	VERT
17	Balken	12	7	0.0	4	4	5	-	-	1.483	VERT
18	Balken	13	8	0.0	4	4	5	-	-	1.610	VERT
19	Balken	14	9	0.0	4	4	5	-	-	1.738	VERT
20	Fachwerks	1	14	0.0	4	4	-	-	-	3.127	ALLG
21	Fachwerks	5	11	0.0	6	6	-	-	-	2.780	ALLG
22	Fachwerks	6	12	0.0	6	6	-	-	-	2.838	ALLG
23	Fachwerks	7	13	0.0	4	4	-	-	-	2.900	ALLG
24	Fachwerks	8	14	0.0	4	4	-	-	-	2.967	ALLG
26	Balken	16	5	0.0	1	1	-	-	-	2.202	ALLG
27	Balken	16	10	0.0	5	5	3	-	-	2.461	ALLG
29	Balken	17	18	0.0	1	1	-	-	-	2.504	ALLG
30	Balken	18	19	0.0	1	1	-	-	-	2.504	ALLG
31	Balken	19	20	0.0	1	1	-	-	-	2.504	ALLG
32	Balken	20	21	0.0	1	1	-	-	-	2.504	ALLG
33	Balken	21	1	0.0	1	1	-	-	-	2.504	ALLG
34	Balken	22	23	0.0	2	2	-	-	-	2.500	ALLG
35	Balken	23	24	0.0	2	2	-	-	-	2.500	ALLG
36	Balken	24	25	0.0	2	2	-	-	-	2.500	ALLG
37	Balken	25	26	0.0	2	2	-	-	-	2.500	ALLG
38	Balken	26	4	0.0	2	2	-	-	-	2.500	ALLG
39	Balken	22	17	0.0	8	8	5	-	-	1.227	VERT
40	Balken	23	18	0.0	3	3	5	-	-	1.355	VERT
41	Balken	24	19	0.0	4	4	5	-	-	1.483	VERT
42	Balken	25	20	0.0	4	4	5	-	-	1.610	VERT
43	Balken	26	21	0.0	4	4	5	-	-	1.738	VERT
44	Fachwerks	1	26	0.0	4	4	-	-	-	3.127	ALLG
45	Fachwerks	17	23	0.0	6	6	-	-	-	2.780	ALLG
46	Fachwerks	18	24	0.0	6	6	-	-	-	2.838	ALLG
47	Fachwerks	19	25	0.0	4	4	-	-	-	2.900	ALLG
48	Fachwerks	20	26	0.0	4	4	-	-	-	2.967	ALLG
50	Balken	28	17	0.0	1	1	-	-	-	2.203	ALLG
51	Balken	28	22	0.0	5	5	3	-	-	2.461	ALLG

AUFLAGER

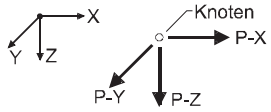
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	28	0.0	0.0	Nein	Ja	Ja	Nein	Nein	Ja
3	16	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja
4	1,5-9,17-21	0.0	0.0	Nein	Ja	Nein	Nein	Nein	Nein

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	1.10
2	Dachaufbau	1.00	Ständig	-
3	Schnee	1.00	Veränderlich	-
4	1/2Schnee	1.00	Veränderlich	-
5	Wind auf Dach	1.00	Veränderlich	-

Globale Knotenkraft



KNOTENKRÄFTE LF 1

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	1,5-9,17-21	0.000	0.000	1.270
2	16,28	0.000	0.000	1.270

KNOTENKRÄFTE LF 2

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
15	16,28	0.000	0.000	7.425
16	1,5-9,17-21	0.000	0.000	14.850

KNOTENKRÄFTE LF 3

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
14	1,5-9,17-21	0.000	0.000	13.260
15	16,28	0.000	0.000	6.630

KNOTENKRÄFTE LF 4

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
7	1	0.000	0.000	9.950
13	28	0.000	0.000	3.315
14	5-9	0.000	0.000	13.260
15	16-21	0.000	0.000	6.630

KNOTENKRÄFTE LF 5

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	1,5-9,17-21	0.000	0.000	-12.980
2	16,28	0.000	0.000	-6.490

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination Schnee	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.50*LF3 oder 1.50*LF4 + 1.50*LF5
4	Gebrauchstauglichkeitsnachweis	LF1/Ständig + LF2/Ständig + LF3 oder LF4 + LF5

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	PY	PZ	Auflagermomente [kNm] MX	MY	MZ
1	LF1	.000	-.004	.000	.000	.000	.000
	LF2	.000	.006	.000	.000	.000	.000
	LF3	.000	.006	.000	.000	.000	.000
	LF4	.000	.034	.000	.000	.000	.000
	LF5	.000	-.006	.000	.000	.000	.000
5	LF1	.000	-.003	.000	.000	.000	.000
	LF2	.000	.006	.000	.000	.000	.000
	LF3	.000	.005	.000	.000	.000	.000
	LF4	.000	.005	.000	.000	.000	.000
	LF5	.000	-.005	.000	.000	.000	.000

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN]			Auflagermomente [kNm]		
		P_X	P_Y	P_Z	M_X	M_Y	M_Z
6	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.001	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
7	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	-.002	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
8	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.003	.000	.000	.000	.000
	LF3	.000	.003	.000	.000	.000	.000
	LF4	.000	.008	.000	.000	.000	.000
	LF5	.000	-.003	.000	.000	.000	.000
9	LF1	.000	.001	.000	.000	.000	.000
	LF2	.000	-.010	.000	.000	.000	.000
	LF3	.000	-.009	.000	.000	.000	.000
	LF4	.000	-.028	.000	.000	.000	.000
	LF5	.000	.009	.000	.000	.000	.000
16	LF1	.000	.003	25.774	.002	.000	-.001
	LF2	.000	-.004	89.101	-.004	.000	.001
	LF3	.000	-.004	79.561	-.003	.000	.001
	LF4	.000	-.003	69.788	-.004	.000	.001
	LF5	.000	.004	-77.881	.003	.000	-.001
17	LF1	.000	-.022	.000	.000	.000	.000
	LF2	.000	.035	.000	.000	.000	.000
	LF3	.000	.031	.000	.000	.000	.000
	LF4	.000	.014	.000	.000	.000	.000
	LF5	.000	-.031	.000	.000	.000	.000
18	LF1	.000	.006	.000	.000	.000	.000
	LF2	.000	-.009	.000	.000	.000	.000
	LF3	.000	-.008	.000	.000	.000	.000
	LF4	.000	-.003	.000	.000	.000	.000
	LF5	.000	.008	.000	.000	.000	.000
19	LF1	.000	-.002	.000	.000	.000	.000
	LF2	.000	.002	.000	.000	.000	.000
	LF3	.000	.002	.000	.000	.000	.000
	LF4	.000	-.001	.000	.000	.000	.000
	LF5	.000	-.002	.000	.000	.000	.000
20	LF1	.000	-.001	.000	.000	.000	.000
	LF2	.000	-.002	.000	.000	.000	.000
	LF3	.000	-.002	.000	.000	.000	.000
	LF4	.000	.005	.000	.000	.000	.000
	LF5	.000	.001	.000	.000	.000	.000
21	LF1	.000	.004	.000	.000	.000	.000
	LF2	.000	.002	.000	.000	.000	.000
	LF3	.000	.002	.000	.000	.000	.000
	LF4	.000	-.020	.000	.000	.000	.000
	LF5	.000	-.001	.000	.000	.000	.000
28	LF1	.000	.018	25.774	.000	.000	-.037
	LF2	.000	-.029	89.099	.000	.000	.060
	LF3	.000	-.026	79.559	.000	.000	.053
	LF4	.000	-.011	49.557	.000	.000	.025
	LF5	.000	.025	-77.879	.000	.000	-.052
ΣLasten	LF1	.000	.000	51.548			
ΣKräfte		.000	.000	51.548			
ΣLasten	LF2	.000	.000	178.200			
ΣKräfte		.000	.000	178.200			
ΣLasten	LF3	.000	.000	159.120			
ΣKräfte		.000	.000	159.120			
ΣLasten	LF4	.000	.000	119.345			
ΣKräfte		.000	.000	119.345			
ΣLasten	LF5	.000	.000	-155.760			
ΣKräfte		.000	.000	-155.760			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
4	LK1	.00	max	-110.50	.00	1.27	.00	-.20	.00
			min	-784.85	.00	2.70	.00	1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-784.85	.00	2.70	.00	1.35	.00
			min	-110.50	.00	1.27	.00	-.20	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-784.85	.00	2.70	.00	1.35	.00
			min	-110.50	.00	1.27	.00	-.20	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-110.38	.00	-.78	.00	.42	.00
			min	-784.73	.00	.64	.00	5.53	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-784.73	.00	.64	.00	5.53	.00
			min	-110.38	.00	-.78	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-784.73	.00	.64	.00	5.53	.00
			min	-110.38	.00	-.78	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
4	LK1	2.50	MAX	-110.38	.00	-.78	.00	.42	.00
		.00	MIN	-784.85	.00	2.70	.00	1.35	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-784.85	.00	2.70	.00	1.35	.00
		2.50	MIN	-110.38	.00	-.78	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	-784.73	.00	.64	.00	5.53	.00
		.00	MIN	-110.50	.00	1.27	.00	-.20	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
5	LK1	.00	max	13.00	.00	.00	.00	.00	.00
			min	3.11	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
			max	11.75	.00	.01	.00	.00	.00
			min	3.11	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4						
			LF'e in Min: LF1 LF2 LF5						
			max	8.00	.00	.00	.00	.00	.00
			min	8.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2						
			LF'e in Min: LF1 LF2						
		1.87	max	13.21	.00	.00	.00	.00	.00
			min	3.32	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
			max	11.96	.00	.01	.00	.01	.00
			min	3.32	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4						
			LF'e in Min: LF1 LF2 LF5						
			max	11.96	.00	.01	.00	.01	.00
			min	3.32	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4						
			LF'e in Min: LF1 LF2 LF5						
		1.87	MAX	13.21	.00	.00	.00	.00	.00
		.00	MIN	3.11	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
		.00	MAX	11.75	.00	.01	.00	.00	.00
		.00	MIN	3.11	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4						
			LF'e in Min: LF1 LF2 LF5						
		1.87	MAX	11.96	.00	.01	.00	.01	.00
		1.87	MIN	3.32	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4						
			LF'e in Min: LF1 LF2 LF5						
6	LK1	.00	max	-139.34	.00	.90	.00	.42	.00
			min	-990.15	.00	.13	.00	5.53	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
			max	-139.34	.00	.90	.00	.42	.00
			min	-990.15	.00	.13	.00	5.53	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
			max	-990.15	.00	.13	.00	5.53	.00
			min	-139.34	.00	.90	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
		2.50	max	-139.23	.00	-1.16	.00	.10	.00
			min	-990.03	.00	-1.92	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
			max	-139.23	.00	-1.16	.00	.10	.00
			min	-990.03	.00	-1.92	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
			max	-990.03	.00	-1.92	.00	3.30	.00
			min	-139.23	.00	-1.16	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	-139.23	.00	-1.16	.00	.10	.00
		.00	MIN	-990.15	.00	.13	.00	5.53	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-139.34	.00	.90	.00	.42	.00
		2.50	MIN	-990.03	.00	-1.92	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
		.13	MAX	-990.14	.00	.03	.00	5.54	.00
		2.50	MIN	-139.23	.00	-1.16	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
7	LK1	.00	max	-152.82	.00	1.17	.00	.10	.00
			min	-1087.42	.00	2.07	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF3						
			max	-1087.42	.00	2.07	.00	3.30	.00
			min	-152.82	.00	1.17	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						
			max	-1087.42	.00	2.07	.00	3.30	.00
			min	-152.82	.00	1.17	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3						
			LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
7	LK1	2.50	max	-152.71	.00	-.88	.00	.47	.00
			min	-1087.30	.00	.02	.00	5.91	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1087.30	.00	.02	.00	5.91	.00
			min	-152.71	.00	-.88	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-1087.30	.00	.02	.00	5.91	.00
			min	-152.71	.00	-.88	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	-152.71	.00	-.88	.00	.47	.00
			MIN	-1087.42	.00	2.07	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-1087.42	.00	2.07	.00	3.30	.00
			MIN	-152.71	.00	-.88	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	-1087.30	.00	.02	.00	5.91	.00
			MIN	-152.82	.00	1.17	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
8	LK1	.00	max	-155.51	.00	1.01	.00	.47	.00
			min	-1106.73	.00	1.04	.02	5.89	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1003.91	.01	1.12	.01	5.35	.00
			min	-155.51	.00	1.01	.00	.47	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	-1106.73	.00	1.04	.02	5.89	.00
			min	-155.51	.00	1.01	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-155.40	.00	-1.04	.00	.43	.00
			min	-1106.61	.00	-1.01	.02	5.93	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1003.79	.01	-.94	.01	5.58	-.01
			min	-155.40	.00	-1.04	.00	.43	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	-1106.61	.00	-1.01	.02	5.93	.00
			min	-155.40	.00	-1.04	.00	.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	-155.40	.00	-1.04	.00	.43	.00
			MIN	-1106.73	.00	1.04	.02	5.89	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-1003.91	.01	1.12	.01	5.35	.00
			MIN	-155.40	.00	-1.04	.00	.43	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		1.25 2.50	MAX	-1106.67	.00	.01	.02	6.56	.00
			MIN	-155.40	.00	-1.04	.00	.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
9	LK1	.00	max	-155.49	.00	.69	.00	.43	.00
			min	-1106.56	-.01	-1.64	-.02	5.96	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-155.49	.00	.69	.00	.43	.00
			min	-1106.56	-.01	-1.64	-.02	5.96	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1106.56	-.01	-1.64	-.02	5.96	.00
			min	-155.49	.00	.69	.00	.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-155.38	.00	-1.37	.00	-.43	-.01
			min	-1106.45	-.01	-3.69	-.02	-.71	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-155.38	.00	-1.37	.00	-.43	-.01
			min	-1106.45	-.01	-3.69	-.02	-.71	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-155.38	.00	-1.37	.00	-.43	-.01
			min	-1106.45	-.01	-3.69	-.02	-.71	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		2.50 .00	MAX	-155.38	.00	-1.37	.00	-.43	-.01
			MIN	-1106.56	-.01	-1.64	-.02	5.96	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-155.49	.00	.69	.00	.43	.00
			MIN	-1106.45	-.01	-3.69	-.02	-.71	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-1106.56	-.01	-1.64	-.02	5.96	.00
			MIN	-1106.45	-.01	-3.69	-.02	-.71	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
10	LK1	.00	max	450.06	1.71	.00	-.01	.02	.80
			min	63.48	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	63.48	1.08	.00	.00	-.01	.77
			min	423.80	1.67	.00	-.01	.02	.79
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	450.06	1.71	.00	-.01	.02	.80
			min	63.48	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	450.07	.20	.00	-.01	.01	-1.59
			min	63.49	-.43	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	63.49	-.43	.00	.00	-.01	-.06
			min	423.81	.16	.00	-.01	.01	-1.49
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	450.07	.20	.00	-.01	.01	-1.59
			min	63.49	-.43	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	450.07	.20	.00	-.01	.01	-1.59
			MIN	63.48	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	63.48	1.08	.00	.00	-.01	.77
			MIN	423.80	1.67	.00	-.01	.02	.79
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		.00 .00	MAX	450.06	1.71	.00	-.01	.02	.80
			MIN	63.48	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
11	LK1	.00	max	783.48	.29	.00	-.01	.01	-1.59
			min	110.25	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	110.25	.64	.00	.00	-.01	-.06
			min	732.98	.33	.00	-.01	.01	-1.49
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	783.48	.29	.00	-.01	.01	-1.59
			min	110.25	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	783.48	-1.22	.00	-.01	.01	-.43
			min	110.26	-.87	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	110.26	-.87	.00	.00	.00	.23
			min	732.99	-1.18	.00	-.01	.00	-.43
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	783.48	-1.22	.00	-.01	.01	-.43
			min	399.97	-1.01	.00	.00	-.01	-.10
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		2.50 .00	MAX	783.48	-1.22	.00	-.01	.01	-.43
			MIN	110.25	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	110.25	.64	.00	.00	-.01	-.06
			MIN	732.98	.33	.00	-.01	.01	-1.49
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		.00 2.50	MAX	783.48	.29	.00	-.01	.01	-1.59
			MIN	399.97	-1.01	.00	.00	-.01	-.10
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
12	LK1	.00	max	988.60	1.19	.00	-.01	.01	-.43
			min	139.07	.83	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	139.07	.83	.00	.00	.00	.23
			min	917.42	1.15	.00	-.01	.00	-.43
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	988.60	1.19	.00	-.01	.01	-.43
			min	497.19	.97	.00	.00	-.01	-.10
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		2.50	max	988.61	-.32	.00	-.01	.00	-1.53
			min	139.08	-.68	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	139.08	-.68	.00	.00	.00	.05
			min	917.43	-.36	.00	-.01	-.01	-1.41
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	988.61	-.32	.00	-.01	.00	-1.53
			min	497.20	-.54	.00	.00	-.01	-.63
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
12	LK1	2.50	MAX	988.61	-.32	.00	-.01	.00	-1.53
		.00	MIN	139.07	.83	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	139.07	.83	.00	.00	.00	.23
		.00	MIN	917.42	1.15	.00	-.01	.00	-.43
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	988.60	1.19	.00	-.01	.01	-.43
		2.50	MIN	497.20	-.54	.00	.00	-.01	-.63
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
13	LK1	.00	max	1085.62	.59	-.01	-.01	.00	-1.53
			min	152.52	.72	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	152.52	.72	.00	.00	.00	.05
			min	997.71	.59	-.01	-.01	-.01	-1.41
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	1085.62	.59	-.01	-.01	.00	-1.53
			min	536.14	.66	-.01	.00	-.01	-.63
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		2.50	max	1085.63	-.92	-.01	-.01	-.02	-1.11
			min	152.53	-.79	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	152.53	-.79	.00	.00	.00	.13
			min	997.72	-.92	-.01	-.01	-.04	-1.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	152.53	-.79	.00	.00	.00	.13
			min	997.72	-.92	-.01	-.01	-.04	-1.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		2.50	MAX	1085.63	-.92	-.01	-.01	-.02	-1.11
		.00	MIN	152.52	.72	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	152.52	.72	.00	.00	.00	.05
		.00	MIN	997.71	.59	-.01	-.01	-.01	-1.41
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	1085.62	.59	-.01	-.01	.00	-1.53
		2.50	MIN	997.72	-.92	-.01	-.01	-.04	-1.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
14	LK1	.00	max	1064.23	.33	.01	-.01	-.02	-1.11
			min	149.43	.70	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	1064.23	.33	.01	-.01	-.02	-1.11
			min	149.43	.70	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	149.43	.70	.00	.00	.00	.13
			min	948.69	.36	.01	-.01	-.04	-1.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		2.50	max	1064.24	-1.18	.01	-.01	.00	-.04
			min	149.44	-.81	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	1064.24	-1.18	.01	-.01	.00	-.04
			min	149.44	-.81	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	149.44	-.81	.00	.00	.00	.25
			min	948.70	-1.15	.01	-.01	-.03	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		2.50	MAX	1064.24	-1.18	.01	-.01	.00	-.04
		.00	MIN	149.43	.70	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	1064.23	.33	.01	-.01	-.02	-1.11
		.00	MIN	149.43	.70	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	149.44	-.81	.00	.00	.00	.25
		.00	MIN	948.69	.36	.01	-.01	-.04	-1.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
15	LK1	.00	max	-30.42	.00	.01	.00	.00	.00
			min	-225.87	.00	-.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-30.42	.00	.01	.00	.00	.00
			min	-225.87	.00	-.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-127.10	.00	.00	.00	.00	.00
			min	-127.10	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
15	LK1	1.23	max	-30.22	.00	.01	.00	.01	.00
			min	-225.68	.00	-.02	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-30.22	.00	.01	.00	.01	.00
			min	-225.68	.00	-.02	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-30.22	.00	.01	.00	.01	.00
			min	-225.68	.00	-.02	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		1.23	MAX	-30.22	.00	.01	.00	.01	.00
		.00	MIN	-225.87	.00	-.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-30.42	.00	.01	.00	.00	.00
		.00	MIN	-225.87	.00	-.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		1.23	MAX	-30.22	.00	.01	.00	.01	.00
		1.23	MIN	-225.68	.00	-.02	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
16	LK1	.00	max	-21.59	.00	.00	.00	.00	.00
			min	-163.31	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-163.31	.00	.00	.00	.00	.00
			min	-81.23	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	-91.70	.00	.00	.00	.00	.00
			min	-91.70	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.36	max	-21.38	.00	.00	.00	.00	.00
			min	-163.09	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-163.09	.00	.00	.00	.00	.00
			min	-81.01	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	-163.09	.00	.00	.00	.00	.00
			min	-81.01	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		1.36	MAX	-21.38	.00	.00	.00	.00	.00
		.00	MIN	-163.31	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-163.31	.00	.00	.00	.00	.00
		.00	MIN	-81.23	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		1.36	MAX	-163.09	.00	.00	.00	.00	.00
		1.36	MIN	-81.01	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
17	LK1	.00	max	-13.61	.00	.00	.00	.00	.00
			min	-108.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-97.33	.00	.00	.00	.00	.00
			min	-60.52	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
			max	-60.52	.00	.00	.00	.00	.00
			min	-60.52	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.48	max	-13.44	.00	.00	.00	.00	.00
			min	-108.28	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-97.16	.00	.00	.00	.00	.00
			min	-60.36	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
			max	-97.16	.00	.00	.00	.00	.00
			min	-13.44	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		1.48	MAX	-13.44	.00	.00	.00	.00	.00
		.00	MIN	-108.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-97.33	.00	.00	.00	.00	.00
		.00	MIN	-60.52	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2						
		1.48	MAX	-97.16	.00	.00	.00	.00	.00
		1.48	MIN	-13.44	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
18	LK1	.00	max	-6.40	.00	.00	.00	.00	.00
			min	-56.46	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-6.40	.00	.00	.00	.00	.00
			min	-56.46	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-31.17	.00	-.01	.00	.00	.00
			min	-31.17	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.61	max	-6.22	.00	.00	.00	.00	.00
			min	-56.28	.00	-.01	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-6.22	.00	.00	.00	.00	.00
			min	-56.28	.00	-.01	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-6.22	.00	.00	.00	.00	.00
			min	-56.28	.00	-.01	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		1.61 .00	MAX	-6.22	.00	.00	.00	.00	.00
			MIN	-56.46	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	-6.40	.00	.00	.00	.00	.00
			MIN	-56.46	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 1.61	MAX	-31.17	.00	-.01	.00	.00	.00
			MIN	-56.28	.00	-.01	.00	-.02	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3						
19	LK1	.00	max	-4.22	.00	.00	.00	.00	.00
			min	-41.30	.00	.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	-41.22	.00	.03	.00	.00	.00
			min	-4.22	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-22.52	.00	.01	.00	.00	.00
			min	-22.52	.00	.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.74	max	-4.02	.00	.00	.00	.01	.00
			min	-41.10	.00	.02	.00	.04	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	-41.02	.00	.03	.00	.04	.00
			min	-4.02	.00	.00	.00	.01	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-41.02	.00	.03	.00	.04	.00
			min	-4.02	.00	.00	.00	.01	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.74 .00	MAX	-4.02	.00	.00	.00	.01	.00
			MIN	-41.30	.00	.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		.00 .00	MAX	-41.22	.00	.03	.00	.00	.00
			MIN	-4.22	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.74 .00	MAX	-41.02	.00	.03	.00	.04	.00
			MIN	-22.52	.00	.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2						
20	LK1	.00	max	67.11	-.10	.10			
			min	7.34	-.10	.10			
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	28.94	-.10	.10			
			min	28.94	-.10	.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		3.13	max	66.90	.10	-.10			
			min	7.13	.10	-.10			
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	28.73	.10	-.10			
			min	28.73	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 3.13	MAX	67.11	-.10	.10			
			MIN	7.13	.10	-.10			
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		.00 3.13	MAX	28.94	-.10	.10			
			MIN	28.73	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
21	LK1	.00	max	370.83	-.19	.19			
			min	52.13	-.19	.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	209.78	-.19	.19			
			min	209.78	-.19	.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.78	max	370.56	.19	-.19			
			min	51.86	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	209.51	.19	-.19			
			min	209.51	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.78	MAX	370.83	-.19	.19			
			MIN	51.86	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.78	MAX	209.78	-.19	.19			
			MIN	209.51	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
22	LK1	.00	max	232.97	-.19	.19			
			min	32.86	-.19	.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	131.85	-.19	.19			
			min	131.85	-.19	.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.84	max	232.68	.19	-.19			
			min	32.57	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	131.56	.19	-.19			
			min	131.56	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.84	MAX	232.97	-.19	.19			
			MIN	32.57	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.84	MAX	131.85	-.19	.19			
			MIN	131.56	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
23	LK1	.00	max	112.62	-.10	.10			
			min	15.68	-.10	.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	63.63	-.10	.10			
			min	63.63	-.10	.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.90	max	112.45	.10	-.10			
			min	15.51	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	63.47	.10	-.10			
			min	63.47	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.90	MAX	112.62	-.10	.10			
			MIN	15.51	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.90	MAX	63.63	-.10	.10			
			MIN	63.47	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
24	LK1	.00	max	23.03	-.10	.10			
			min	-4.25	-.10	.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	13.05	-.10	.10			
			min	13.05	-.10	.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.97	max	22.85	.10	-.10			
			min	-4.43	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	12.87	.10	-.10			
			min	12.87	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.97	MAX	23.03	-.10	.10			
			MIN	-4.43	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		.00 2.97	MAX	13.05	-.10	.10			
			MIN	12.87	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
26	LK1	.00	max	-63.64	.00	.81	.00	.00	.00
			min	-450.84	.00	1.52	-.01	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-450.84	.00	1.52	-.01	.00	.00
			min	-63.64	.00	.81	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-255.17	.00	1.16	.00	.00	.00
			min	-255.17	.00	1.16	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.20	max	-63.53	.00	-1.00	.00	-.21	.00
			min	-450.74	.00	-.28	-.01	1.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-450.74	.00	-.28	-.01	1.37	.00
			min	-63.53	.00	-1.00	.00	-.21	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-450.74	.00	-.28	-.01	1.37	.00
			min	-63.53	.00	-1.00	.00	-.21	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.20 .00	MAX	-63.53	.00	-1.00	.00	-.21	.00
			MIN	-450.84	.00	1.52	-.01	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.20	MAX	-450.84	.00	1.52	-.01	.00	.00
			MIN	-63.53	.00	-1.00	.00	-.21	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.87 2.20	MAX	-450.76	.00	-.01	-.01	1.41	.00
			MIN	-63.53	.00	-1.00	.00	-.21	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
27	LK1	.00	max	503.63	.00	-.01	.00	.00	.00
			min	71.05	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	71.05	.00	.00	.00	.00	.00
			min	503.63	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	285.03	.00	.00	.00	.00	.00
			min	285.03	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.46	max	503.31	.45	-.46	.00	-.58	-.55
			min	70.73	.45	-.44	.00	-.54	-.55
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	70.73	.45	-.44	.00	-.54	-.55
			min	503.31	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	70.73	.45	-.44	.00	-.54	-.55
			min	503.31	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.46	MAX	503.63	.00	-.01	.00	.00	.00
			MIN	70.73	.45	-.44	.00	-.54	-.55
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.46	MAX	71.05	.00	.00	.00	.00	.00
			MIN	503.31	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.46	MAX	285.03	.00	.00	.00	.00	.00
			MIN	503.31	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3						
29	LK1	.00	max	-110.51	.01	1.27	.00	-.20	.01
			min	-784.91	-.01	2.70	.00	1.35	-.03
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-784.91	-.01	2.70	.00	1.35	-.03
			min	-110.51	.01	1.27	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-784.91	-.01	2.70	.00	1.35	-.03
			min	-110.51	.01	1.27	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-110.39	.01	-.78	.00	.42	.00
			min	-784.79	-.01	.64	.00	5.53	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-784.79	-.01	.64	.00	5.53	.01
			min	-110.39	.01	-.78	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-784.79	-.01	.64	.00	5.53	.01
			min	-110.39	.01	-.78	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
29	LK1	2.50	MAX	-110.39	.01	-.78	.00	.42	.00
		.00	MIN	-784.91	-.01	2.70	.00	1.35	-.03
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-784.91	-.01	2.70	.00	1.35	-.03
		2.50	MIN	-110.39	.01	-.78	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	-784.79	-.01	.64	.00	5.53	.01
		.00	MIN	-110.51	.01	1.27	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
30	LK1	.00	max	-139.35	.00	.90	.00	.42	.00
			min	-990.19	.00	.13	.00	5.53	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-139.35	.00	.90	.00	.42	.00
			min	-990.19	.00	.13	.00	5.53	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-990.19	.00	.13	.00	5.53	.01
			min	-139.35	.00	.90	.00	.42	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-139.23	.00	-1.15	.00	.10	.00
			min	-990.07	.00	-1.92	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-139.23	.00	-1.15	.00	.10	.00
			min	-990.07	.00	-1.92	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-990.07	.00	-1.92	.00	3.30	.00
			min	-139.23	.00	-1.15	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	-139.23	.00	-1.15	.00	.10	.00
		.00	MIN	-990.19	.00	.13	.00	5.53	.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-139.35	.00	.90	.00	.42	.00
		2.50	MIN	-990.07	.00	-1.92	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.13	MAX	-990.18	.00	.03	.00	5.54	.01
		2.50	MIN	-139.23	.00	-1.15	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
31	LK1	.00	max	-152.83	.00	1.17	.00	.10	.00
			min	-1087.44	.00	2.07	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1087.44	.00	2.07	.00	3.30	.00
			min	-152.83	.00	1.17	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-1087.44	.00	2.07	.00	3.30	.00
			min	-152.83	.00	1.17	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-152.71	.00	-.88	.00	.47	.00
			min	-1087.33	.00	.01	.00	5.91	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1087.33	.00	.01	.00	5.91	.00
			min	-152.71	.00	-.88	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-1087.33	.00	.01	.00	5.91	.00
			min	-152.71	.00	-.88	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	-152.71	.00	-.88	.00	.47	.00
		.00	MIN	-1087.44	.00	2.07	.00	3.30	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-1087.44	.00	2.07	.00	3.30	.00
		2.50	MIN	-152.71	.00	-.88	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	-1087.33	.00	.01	.00	5.91	.00
		.00	MIN	-152.83	.00	1.17	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
32	LK1	.00	max	-155.52	.00	1.01	.00	.47	.00
			min	-1106.74	.00	1.04	.02	5.89	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1106.74	.00	1.04	.02	5.89	.00
			min	-498.73	-.01	.94	.01	2.38	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	-1106.74	.00	1.04	.02	5.89	.00
			min	-155.52	.00	1.01	.00	.47	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
32	LK1	2.50	max	-155.40	.00	-1.04	.00	.43	.00
			min	-1106.63	.00	-1.01	.02	5.93	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1106.63	.00	-1.01	.02	5.93	.00
			min	-498.62	-.01	-1.11	.01	2.17	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	-1106.63	.00	-1.01	.02	5.93	.00
			min	-155.40	.00	-1.04	.00	.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	-155.40	.00	-1.04	.00	.43	.00
			MIN	-1106.74	.00	1.04	.02	5.89	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-1106.74	.00	1.04	.02	5.89	.00
			MIN	-498.62	-.01	-1.11	.01	2.17	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		1.25 2.50	MAX	-1106.68	.00	.01	.02	6.55	.00
			MIN	-155.40	.00	-1.04	.00	.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
33	LK1	.00	max	-155.49	.00	.69	.00	.43	.00
			min	-1106.57	.01	-1.64	-.02	5.96	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-155.49	.00	.69	.00	.43	.00
			min	-1106.57	.01	-1.64	-.02	5.96	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-1106.57	.01	-1.64	-.02	5.96	.00
			min	-155.49	.00	.69	.00	.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	-155.38	.00	-1.37	.00	-.43	.01
			min	-1106.46	.01	-3.69	-.02	-.71	-.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-155.38	.00	-1.37	.00	-.43	.01
			min	-1106.46	.01	-3.69	-.02	-.71	-.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-155.38	.00	-1.37	.00	-.43	.01
			min	-1106.46	.01	-3.69	-.02	-.71	-.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		2.50 .00	MAX	-155.38	.00	-1.37	.00	-.43	.01
			MIN	-1106.57	.01	-1.64	-.02	5.96	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-155.49	.00	.69	.00	.43	.00
			MIN	-1106.46	.01	-3.69	-.02	-.71	-.01
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.50	MAX	-1106.57	.01	-1.64	-.02	5.96	.00
			MIN	-1106.46	.01	-3.69	-.02	-.71	-.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
34	LK1	.00	max	450.14	1.71	.00	-.01	.02	.80
			min	63.49	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	187.47	1.29	.00	.00	.00	.78
			min	450.14	1.71	.00	-.01	.02	.80
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	450.14	1.71	.00	-.01	.02	.80
			min	63.49	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.50	max	450.15	.20	.00	-.01	.01	-1.59
			min	63.50	-.43	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	187.47	-.22	.00	.00	.01	-.55
			min	450.15	.20	.00	-.01	.01	-1.59
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	378.74	.09	.00	-.01	.02	-1.31
			min	63.50	-.43	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	450.15	.20	.00	-.01	.01	-1.59
			MIN	63.49	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	187.47	1.29	.00	.00	.00	.78
			MIN	450.14	1.71	.00	-.01	.02	.80
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	450.14	1.71	.00	-.01	.02	.80
			MIN	63.49	1.08	.00	.00	-.01	.77
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
35	LK1	.00	max	783.54	.29	.00	-.01	.01	-1.59
			min	110.26	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	330.90	.51	.00	.00	.01	-.55
			min	783.54	.29	.00	-.01	.01	-1.59
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	663.94	.34	.00	-.01	.02	-1.31
			min	110.26	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50	max	783.54	-1.22	.00	-.01	.01	-.43
			min	110.27	-.87	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	330.90	-1.00	.00	.00	.01	.07
			min	783.54	-1.22	.00	-.01	.01	-.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	663.95	-1.17	.00	-.01	.02	-.26
			min	110.27	-.87	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	783.54	-1.22	.00	-.01	.01	-.43
			MIN	110.26	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	330.90	.51	.00	.00	.01	-.55
			MIN	783.54	.29	.00	-.01	.01	-1.59
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
		2.50 .00	MAX	663.95	-1.17	.00	-.01	.02	-.26
			MIN	110.26	.64	.00	.00	-.01	-.06
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
36	LK1	.00	max	988.64	1.19	.00	-.01	.01	-.43
			min	139.08	.83	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	424.95	.97	.00	.00	.01	.07
			min	988.64	1.19	.00	-.01	.01	-.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	845.19	1.15	.00	-.01	.02	-.26
			min	139.08	.83	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50	max	988.65	-.32	.00	-.01	.00	-1.53
			min	139.09	-.68	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	424.95	-.54	.00	.00	.01	-.47
			min	988.65	-.32	.00	-.01	.00	-1.53
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	845.20	-.36	.00	-.01	.02	-1.25
			min	139.09	-.68	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50 .00	MAX	988.65	-.32	.00	-.01	.00	-1.53
			MIN	139.08	.83	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	424.95	.97	.00	.00	.01	.07
			MIN	988.64	1.19	.00	-.01	.01	-.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
		2.50 .00	MAX	845.20	-.36	.00	-.01	.02	-1.25
			MIN	139.08	.83	.00	.00	.00	.23
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
37	LK1	.00	max	1085.64	.59	-.01	-.01	.00	-1.53
			min	152.52	.72	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	152.52	.72	.00	.00	.00	.05
			min	1085.64	.59	-.01	-.01	.00	-1.53
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	937.83	.62	-.01	-.01	.02	-1.25
			min	152.52	.72	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50	max	1085.65	-.92	-.01	-.01	-.02	-1.11
			min	152.53	-.79	.00	.00	-.01	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	152.53	-.79	.00	.00	-.01	.13
			min	1085.65	-.92	-.01	-.01	-.02	-1.11
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	476.25	-.83	.00	.00	.01	-.29
			min	1085.65	-.92	-.01	-.01	-.02	-1.11
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
37	LK1	2.50	MAX	1085.65	-.92	-.01	-.01	-.02	-1.11
		.00	MIN	152.52	.72	.00	.00	.00	.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	152.52	.72	.00	.00	.00	.05
		.00	MIN	1085.64	.59	-.01	-.01	.00	-1.53
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	937.83	.62	-.01	-.01	.02	-1.25
		2.50	MIN	1085.65	-.92	-.01	-.01	-.02	-1.11
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
38	LK1	.00	max	1064.23	.33	.01	-.01	-.02	-1.11
			min	149.43	.70	.00	.00	-.01	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	948.69	.40	.01	-.01	.00	-.90
			min	149.43	.70	.00	.00	-.01	.13
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	496.17	.58	.01	.00	.01	-.29
			min	1064.23	.33	.01	-.01	-.02	-1.11
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
		2.50	max	1064.24	-1.18	.01	-.01	.00	-.04
			min	149.44	-.81	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	948.69	-1.11	.01	-.01	.03	.00
			min	149.44	-.81	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	948.69	-1.11	.01	-.01	.03	.00
			min	149.44	-.81	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	1064.24	-1.18	.01	-.01	.00	-.04
		.00	MIN	149.43	.70	.00	.00	-.01	.13
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	948.69	.40	.01	-.01	.00	-.90
		.00	MIN	149.43	.70	.00	.00	-.01	.13
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	948.69	-1.11	.01	-.01	.03	.00
		.00	MIN	1064.23	.33	.01	-.01	-.02	-1.11
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
39	LK1	.00	max	-30.42	.00	-.01	.00	.00	.00
			min	-225.83	.00	.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-225.83	.00	.02	.00	.00	.00
			min	-30.42	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-127.08	.00	.00	.00	.00	.00
			min	-127.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.23	max	-30.22	.00	-.01	.00	-.01	.00
			min	-225.63	.00	.02	.00	.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-225.63	.00	.02	.00	.02	.00
			min	-30.22	.00	-.01	.00	-.01	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-225.63	.00	.02	.00	.02	.00
			min	-30.22	.00	-.01	.00	-.01	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.23	MAX	-30.22	.00	-.01	.00	-.01	.00
		.00	MIN	-225.83	.00	.02	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-225.83	.00	.02	.00	.00	.00
		.00	MIN	-30.42	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.23	MAX	-225.63	.00	.02	.00	.02	.00
		1.23	MIN	-30.22	.00	-.01	.00	-.01	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
40	LK1	.00	max	-21.59	.00	.00	.00	.00	.00
			min	-163.30	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-21.59	.00	.00	.00	.00	.00
			min	-139.48	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	-91.69	.00	.00	.00	.00	.00
			min	-91.69	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
40	LK1	1.36	max	-21.37	.00	.00	.00	.00	.00
			min	-163.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-21.37	.00	.00	.00	.00	.00
			min	-139.26	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
			max	-21.37	.00	.00	.00	.00	.00
			min	-139.26	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		1.36	MAX	-21.37	.00	.00	.00	.00	.00
		.00	MIN	-163.30	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-21.59	.00	.00	.00	.00	.00
		.00	MIN	-139.48	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
		1.36	MAX	-21.37	.00	.00	.00	.00	.00
		1.36	MIN	-139.26	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4						
41	LK1	.00	max	-13.61	.00	.00	.00	.00	.00
			min	-108.44	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-48.69	.00	.00	.00	.00	.00
			min	-108.44	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-60.52	.00	.00	.00	.00	.00
			min	-60.52	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.48	max	-13.44	.00	.00	.00	.00	.00
			min	-108.27	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-48.53	.00	.00	.00	.00	.00
			min	-108.27	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-48.53	.00	.00	.00	.00	.00
			min	-108.27	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
		1.48	MAX	-13.44	.00	.00	.00	.00	.00
		.00	MIN	-108.44	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-48.69	.00	.00	.00	.00	.00
		.00	MIN	-108.44	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
		1.48	MAX	-48.53	.00	.00	.00	.00	.00
		1.48	MIN	-108.27	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3						
42	LK1	.00	max	-6.40	.00	.00	.00	.00	.00
			min	-56.45	.00	.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-56.45	.00	.01	.00	.00	.00
			min	-6.40	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-31.16	.00	.01	.00	.00	.00
			min	-31.16	.00	.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.61	max	-6.22	.00	.00	.00	.00	.00
			min	-56.27	.00	.01	.00	.02	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-56.27	.00	.01	.00	.02	.00
			min	-6.22	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-56.27	.00	.01	.00	.02	.00
			min	-6.22	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.61	MAX	-6.22	.00	.00	.00	.00	.00
		.00	MIN	-56.45	.00	.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-56.45	.00	.01	.00	.00	.00
		.00	MIN	-6.40	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.61	MAX	-56.27	.00	.01	.00	.02	.00
		.00	MIN	-31.16	.00	.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
43	LK1	.00	max	-4.22	.00	.00	.00	.00	.00
			min	-41.22	.00	-.03	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-4.22	.00	.00	.00	.00	.00
			min	-41.22	.00	-.03	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-22.52	.00	-.01	.00	.00	.00
			min	-22.52	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.74	max	-4.02	.00	.00	.00	-.01	.00
			min	-41.03	.00	-.03	.00	-.04	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-4.02	.00	.00	.00	-.01	.00
			min	-41.03	.00	-.03	.00	-.04	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-4.02	.00	.00	.00	-.01	.00
			min	-41.03	.00	-.03	.00	-.04	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		1.74	MAX	-4.02	.00	.00	.00	-.01	.00
		.00	MIN	-41.22	.00	-.03	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-4.22	.00	.00	.00	.00	.00
		.00	MIN	-41.22	.00	-.03	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-22.52	.00	-.01	.00	.00	.00
		1.74	MIN	-41.03	.00	-.03	.00	-.04	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3						
44	LK1	.00	max	51.02	-.10	.10			
			min	2.27	-.10	.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	28.95	-.10	.10			
			min	28.95	-.10	.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		3.13	max	50.81	.10	-.10			
			min	2.06	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
			max	28.74	.10	-.10			
			min	28.74	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	51.02	-.10	.10			
		3.13	MIN	2.06	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4 LF5						
		.00	MAX	28.95	-.10	.10			
		3.13	MIN	28.74	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
45	LK1	.00	max	370.80	-.19	.19			
			min	52.13	-.19	.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	209.76	-.19	.19			
			min	209.76	-.19	.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.78	max	370.54	.19	-.19			
			min	51.86	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	209.50	.19	-.19			
			min	209.50	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	370.80	-.19	.19			
		2.78	MIN	51.86	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	209.76	-.19	.19			
		2.78	MIN	209.50	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
46	LK1	.00	max	232.95	-.19	.19			
			min	32.86	-.19	.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	131.84	-.19	.19			
			min	131.84	-.19	.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.84	max	232.66	.19	-.19			
			min	32.57	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
46	LK1	2.84	max	131.54	.19	-.19			
			min	131.54	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.84	MAX	232.95	-.19	.19			
			MIN	32.57	.19	-.19			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.84	MAX	131.84	-.19	.19			
			MIN	131.54	.19	-.19			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
47	LK1	.00	max	112.60	-.10	.10			
			min	15.67	-.10	.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	63.62	-.10	.10			
			min	63.62	-.10	.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.90	max	112.44	.10	-.10			
			min	15.51	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	63.46	.10	-.10			
			min	63.46	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.90	MAX	112.60	-.10	.10			
			MIN	15.51	.10	-.10			
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.90	MAX	63.62	-.10	.10			
			MIN	63.46	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
48	LK1	.00	max	35.55	-.10	.10			
			min	3.28	-.10	.10			
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	13.04	-.10	.10			
			min	13.04	-.10	.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.97	max	35.37	.10	-.10			
			min	3.11	.10	-.10			
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
			max	12.87	.10	-.10			
			min	12.87	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.97	MAX	35.55	-.10	.10			
			MIN	3.11	.10	-.10			
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF5						
		.00 2.97	MAX	13.04	-.10	.10			
			MIN	12.87	.10	-.10			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
50	LK1	.00	max	-63.65	-.03	.81	.00	.00	-.05
			min	-450.93	.06	1.52	-.01	.00	.11
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-450.93	.06	1.52	-.01	.00	.11
			min	-63.65	-.03	.81	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-255.22	.02	1.16	.00	.00	.03
			min	-255.22	.02	1.16	.00	.00	.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.20	max	-63.54	-.03	-1.00	.00	-.20	.01
			min	-450.82	.06	-.28	-.01	1.37	-.03
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	-450.82	.06	-.28	-.01	1.37	-.03
			min	-63.54	-.03	-1.00	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	-450.82	.06	-.28	-.01	1.37	-.03
			min	-63.54	-.03	-1.00	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		2.20 .00	MAX	-63.54	-.03	-1.00	.00	-.20	.01
			MIN	-450.93	.06	1.52	-.01	.00	.11
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.20	MAX	-450.93	.06	1.52	-.01	.00	.11
			MIN	-63.54	-.03	-1.00	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		1.87 2.20	MAX	-450.84	.06	-.01	-.01	1.42	-.01
			MIN	-63.54	-.03	-1.00	.00	-.20	.01
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
51	LK1	.00	max	503.68	.00	-.01	.00	.00	.00
			min	71.06	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	71.06	.00	.00	.00	.00	.00
			min	503.68	.00	-.01	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	285.06	.00	.00	.00	.00	.00
			min	285.06	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.46	max	503.37	.45	-.46	.00	-.58	-.55
			min	70.74	.45	-.44	.00	-.54	-.55
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
			max	70.74	.45	-.44	.00	-.54	-.55
			min	503.37	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
			max	70.74	.45	-.44	.00	-.54	-.55
			min	503.37	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.46	MAX	503.68	.00	-.01	.00	.00	.00
			MIN	70.74	.45	-.44	.00	-.54	-.55
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF5						
		.00 2.46	MAX	71.06	.00	.00	.00	.00	.00
			MIN	503.37	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3						
		.00 2.46	MAX	285.06	.00	.00	.00	.00	.00
			MIN	503.37	.45	-.46	.00	-.58	-.55
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF3						

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] φX	φY	φZ
1	LK4	Max	-.33796	.00000	85.93932	.08216	.28375	-.00002
		Min	-1.75729	.00000	16.42199	-.00681	-.00033	-.00007
4	LK4	Max	-.33803	.15896	86.02572	.13372	.26268	.15520
		Min	-1.75769	-.04057	16.44735	-.02633	-.00027	.04513
5	LK4	Max	.79785	.00000	22.77349	.09834	-1.93045	.01505
		Min	.15250	.00000	4.35910	-.26937	-10.10545	-.00549
6	LK4	Max	1.17649	.00000	46.35735	.07339	-1.60937	.00984
		Min	.22464	.00000	8.86959	-.17513	-8.41516	-.00411
7	LK4	Max	1.01037	.00000	64.61412	.05574	-1.20149	.00346
		Min	.19229	.00000	12.35641	-.06192	-6.30001	-.00311
8	LK4	Max	.45076	.00000	77.92878	.05577	-.77898	-.00226
		Min	.08455	.00000	14.89156	.04066	-4.10340	-.00287
9	LK4	Max	-.09652	.00000	84.80341	.51446	-.25618	-.00586
		Min	-.56210	.00000	16.19628	.10691	-1.33446	-.02977
10	LK4	Max	-1.76211	-.58424	22.09708	1.42119	-1.68092	.15671
		Min	-9.19711	-2.05309	4.23381	-.50536	-9.74229	.05506
11	LK4	Max	-1.59879	-.45615	45.81771	1.15123	-1.68753	.16326
		Min	-8.34557	-1.66313	8.77105	-.40954	-8.56549	.05211
12	LK4	Max	-1.33696	-.33325	64.04994	.88123	-1.19932	.16589
		Min	-6.97851	-1.25852	12.25717	-.31372	-6.35120	.04994
13	LK4	Max	-1.01574	-.21384	77.61027	.61117	-.80068	.16427
		Min	-5.30077	-.84572	14.83956	-.21792	-4.19804	.04831
14	LK4	Max	-.67092	-.07504	84.55281	.35547	-.28317	.15947
		Min	-3.49814	-.43465	16.15830	-.12212	-1.48032	.04638
16	LK4	Max	.00000	.00000	.00000	.00000	-2.03806	.00000
		Min	.00000	.00000	.00000	.00000	-10.49691	.00000
17	LK4	Max	-.82851	.00000	22.77893	.38055	10.10544	.02351
		Min	-4.31291	.00000	4.35999	-.14112	1.93042	-.00874
18	LK4	Max	-.90063	.00000	46.36220	.25034	8.41482	.01343
		Min	-4.69145	.00000	8.87040	-.10782	1.60930	-.00581
19	LK4	Max	-.86827	.00000	64.61805	.13429	6.29958	.00771
		Min	-4.52523	.00000	12.35705	-.08362	1.20142	-.00475
20	LK4	Max	-.76050	.00000	77.93143	.01838	4.10288	.00087
		Min	-3.96552	.00000	14.89199	-.06880	.77890	-.00382
21	LK4	Max	-.57943	.00000	84.80476	-.12567	1.41131	-.00712
		Min	-3.02199	.00000	16.19650	-.46571	.25608	-.02570
22	LK4	Max	5.68203	1.91723	22.10265	.45493	9.74185	.13970
		Min	1.08610	.63651	4.23472	-1.28511	1.68074	.05714
23	LK4	Max	4.83037	1.54219	45.82258	.35866	8.56524	.14842
		Min	.92277	.50265	8.77185	-1.01398	1.68751	.05413
24	LK4	Max	3.46321	1.15165	64.05391	.26241	6.35076	.15486
		Min	.66092	.37428	12.25782	-.74280	1.19925	.05174
25	LK4	Max	1.78541	.81513	77.61298	.16615	4.19752	.15918
		Min	.33968	.25018	14.84000	-.47160	.80060	.04972
26	LK4	Max	.00329	.47676	84.55417	.06991	1.55088	.15738
		Min	-.01725	.13025	16.15852	-.20034	.28307	.04719
28	LK4	Max	-.67569	.00000	.00000	.13938	10.49730	.00000
		Min	-3.51346	.00000	.00000	-.05354	2.03816	.00000
	LK4	*MAX	5.68203	1.91723	86.02572	1.42119	10.49730	.16589
		*MIN	-9.19711	-2.05309	.00000	-1.28511	-10.49691	-.02977

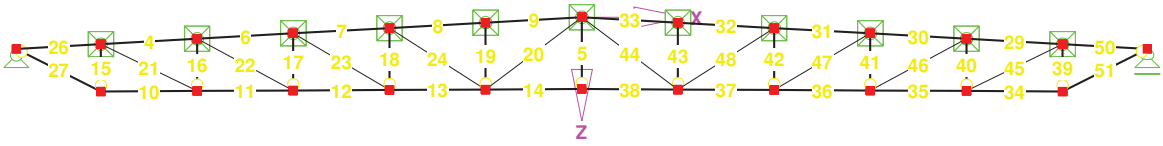
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
4	LK4	5	.00	Max	.79785	.00000	22.77349
				Min	.15250	.00000	4.35910
		6	2.50	Max	1.17649	.00000	46.35735
				Min	.22464	.00000	8.86959
5	LK4	4	.00	Max	-.33657	.01412	86.02572
				Min	-1.76160	-.18299	16.44735
		1	1.87	Max	-.33796	.00000	85.93932
				Min	-1.75729	.00000	16.42199
6	LK4	6	.00	Max	1.17649	.00000	46.35735
				Min	.22464	.00000	8.86959
		7	2.50	Max	1.01037	.00000	64.61412
				Min	.19229	.00000	12.35641
7	LK4	7	.00	Max	1.01037	.00000	64.61412
				Min	.19229	.00000	12.35641
		8	2.50	Max	.45076	.00000	77.92878
				Min	.08455	.00000	14.89156
8	LK4	8	.00	Max	.45076	.00000	77.92878
				Min	.08455	.00000	14.89156
		9	2.50	Max	-.09652	.00000	84.80341
				Min	-.56210	.00000	16.19628
9	LK4	9	.00	Max	-.09652	.00000	84.80341
				Min	-.56210	.00000	16.19628
		1	2.50	Max	-.33796	.00000	85.93932
				Min	-1.75729	.00000	16.42199
10	LK4	10	.00	Max	-1.76211	-.58424	22.09708
				Min	-9.19711	-2.05309	4.23381
		11	2.50	Max	-1.59879	-.45615	45.81771
				Min	-8.34557	-1.66313	8.77105
11	LK4	11	.00	Max	-1.59879	-.45615	45.81771
				Min	-8.34557	-1.66313	8.77105
		12	2.50	Max	-1.33696	-.33325	64.04994
				Min	-6.97851	-1.25852	12.25717
12	LK4	12	.00	Max	-1.33696	-.33325	64.04994
				Min	-6.97851	-1.25852	12.25717
		13	2.50	Max	-1.01574	-.21384	77.61027
				Min	-5.30077	-.84572	14.83956
13	LK4	13	.00	Max	-1.01574	-.21384	77.61027
				Min	-5.30077	-.84572	14.83956
		14	2.50	Max	-.67092	-.07504	84.55281
				Min	-3.49814	-.43465	16.15830
14	LK4	14	.00	Max	-.67092	-.07504	84.55281
				Min	-3.49814	-.43465	16.15830
		4	2.50	Max	-.33803	.15896	86.02572
				Min	-1.75769	-.04057	16.44735
15	LK4	10	.00	Max	-2.22138	.34352	22.09708
				Min	-11.59373	-.12496	4.23381
		5	1.23	Max	.79785	.00000	22.77349
				Min	.15250	.00000	4.35910
16	LK4	11	.00	Max	-1.95578	.23823	45.81771
				Min	-10.22642	-.09916	8.77105
		6	1.36	Max	1.17649	.00000	46.35735
				Min	.22464	.00000	8.86959
17	LK4	12	.00	Max	-1.58823	.09208	64.04994
				Min	-8.32910	-.08197	12.25717
		7	1.48	Max	1.01037	.00000	64.61412
				Min	.19229	.00000	12.35641
18	LK4	13	.00	Max	-1.16253	-.02812	77.61027
				Min	-6.11838	-.06990	14.83956
		8	1.61	Max	.45076	.00000	77.92878
				Min	.08455	.00000	14.89156
19	LK4	14	.00	Max	-.56209	-.20621	84.55281
				Min	-2.92511	-1.00768	16.15830
		9	1.74	Max	-.09652	.00000	84.80341
				Min	-.56210	.00000	16.19628
20	LK4	1	.00	Max	-.33796	.00000	85.93932
				Min	-1.75729	.00000	16.42199
		14	3.13	Max	-.67092	-.07504	84.55281
				Min	-3.49814	-.43465	16.15830
21	LK4	5	.00	Max	.79785	.00000	22.77349
				Min	.15250	.00000	4.35910
		11	2.78	Max	-1.59879	-.45615	45.81771
				Min	-8.34557	-1.66313	8.77105
22	LK4	6	.00	Max	1.17649	.00000	46.35735
				Min	.22464	.00000	8.86959
		12	2.84	Max	-1.33696	-.33325	64.04994
				Min	-6.97851	-1.25852	12.25717
23	LK4	7	.00	Max	1.01037	.00000	64.61412
				Min	.19229	.00000	12.35641
		13	2.90	Max	-1.01574	-.21384	77.61027
				Min	-5.30077	-.84572	14.83956
24	LK4	8	.00	Max	.45076	.00000	77.92878
				Min	.08455	.00000	14.89156
		14	2.97	Max	-.67092	-.07504	84.55281
				Min	-3.49814	-.43465	16.15830
26	LK4	16	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		5	2.20	Max	.79785	.00000	22.77349
				Min	.15250	.00000	4.35910
27	LK4	16	.00	Max	-.56199	-1.25211	1.56508
				Min	-.78610	-1.75140	1.11890
		10	2.46	Max	-1.76211	-.58424	22.09708
				Min	-9.19711	-2.05309	4.23381
29	LK4	17	.00	Max	-.82851	.00000	22.77893
				Min	-4.31291	.00000	4.35999
		18	2.50	Max	-.90063	.00000	46.36220
				Min	-4.69145	.00000	8.87040

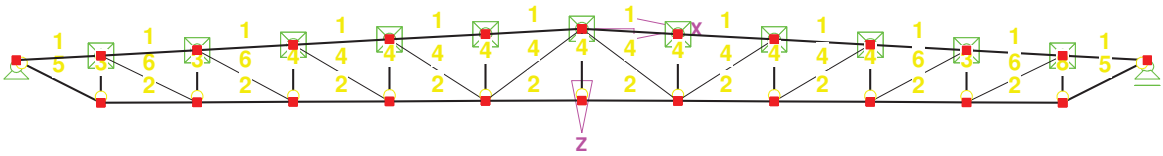
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
30	LK4	18	.00	Max	-.90063	.00000	46.36220
				Min	-4.69145	.00000	8.87040
		19	2.50	Max	-.86827	.00000	64.61805
				Min	-4.52523	.00000	12.35705
31	LK4	19	.00	Max	-.86827	.00000	64.61805
				Min	-4.52523	.00000	12.35705
		20	2.50	Max	-.76050	.00000	77.93143
				Min	-3.96552	.00000	14.89199
32	LK4	20	.00	Max	-.76050	.00000	77.93143
				Min	-3.96552	.00000	14.89199
		21	2.50	Max	-.57943	.00000	84.80476
				Min	-3.02199	.00000	16.19650
33	LK4	21	.00	Max	-.57943	.00000	84.80476
				Min	-3.02199	.00000	16.19650
		1	2.50	Max	-.33796	.00000	85.93932
				Min	-1.75729	.00000	16.42199
34	LK4	22	.00	Max	5.68203	1.91723	22.10265
				Min	1.08610	.63651	4.23472
		23	2.50	Max	4.83037	1.54219	45.82258
				Min	.92277	.50265	8.77185
35	LK4	23	.00	Max	4.83037	1.54219	45.82258
				Min	.92277	.50265	8.77185
		24	2.50	Max	3.46321	1.15165	64.05391
				Min	.66092	.37428	12.25782
36	LK4	24	.00	Max	3.46321	1.15165	64.05391
				Min	.66092	.37428	12.25782
		25	2.50	Max	1.78541	.81513	77.61298
				Min	.33968	.25018	14.84000
37	LK4	25	.00	Max	1.78541	.81513	77.61298
				Min	.33968	.25018	14.84000
		26	2.50	Max	.00329	.47676	84.55417
				Min	-.01725	.13025	16.15852
38	LK4	26	.00	Max	.00329	.47676	84.55417
				Min	-.01725	.13025	16.15852
		4	2.50	Max	-.33803	.15896	86.02572
				Min	-1.75769	-.04057	16.44735
39	LK4	22	.00	Max	8.07895	.17738	22.10265
				Min	1.54524	-.47969	4.23472
		17	1.23	Max	-.82851	.00000	22.77893
				Min	-4.31291	.00000	4.35999
40	LK4	23	.00	Max	6.71119	.14576	45.82258
				Min	1.27965	-.33865	8.77185
		18	1.36	Max	-.90063	.00000	46.36220
				Min	-4.69145	.00000	8.87040
41	LK4	24	.00	Max	4.81391	.12317	64.05391
				Min	.91203	-.19906	12.25782
		19	1.48	Max	-.86827	.00000	64.61805
				Min	-4.52523	.00000	12.35705
42	LK4	25	.00	Max	2.60308	.10357	77.61298
				Min	.48631	-.06661	14.84000
		20	1.61	Max	-.76050	.00000	77.93143
				Min	-3.96552	.00000	14.89199
43	LK4	26	.00	Max	-.04525	.92260	84.55417
				Min	-.59083	.23897	16.15852
		21	1.74	Max	-.57943	.00000	84.80476
				Min	-3.02199	.00000	16.19650
44	LK4	1	.00	Max	-.33796	.00000	85.93932
				Min	-1.75729	.00000	16.42199
		26	3.13	Max	.00329	.47676	84.55417
				Min	-.01725	.13025	16.15852
45	LK4	17	.00	Max	-.82851	.00000	22.77893
				Min	-4.31291	.00000	4.35999
		23	2.78	Max	4.83037	1.54219	45.82258
				Min	.92277	.50265	8.77185
46	LK4	18	.00	Max	-.90063	.00000	46.36220
				Min	-4.69145	.00000	8.87040
		24	2.84	Max	3.46321	1.15165	64.05391
				Min	.66092	.37428	12.25782
47	LK4	19	.00	Max	-.86827	.00000	64.61805
				Min	-4.52523	.00000	12.35705
		25	2.90	Max	1.78541	.81513	77.61298
				Min	.33968	.25018	14.84000
48	LK4	20	.00	Max	-.76050	.00000	77.93143
				Min	-3.96552	.00000	14.89199
		26	2.97	Max	.00329	.47676	84.55417
				Min	-.01725	.13025	16.15852
50	LK4	28	.00	Max	-.67569	.00000	.00000
				Min	-3.51346	.00000	.00000
		17	2.20	Max	-.82851	.00000	22.77893
				Min	-4.31291	.00000	4.35999
51	LK4	28	.00	Max	.11082	1.75286	1.56650
				Min	-2.95022	1.25527	1.12181
		22	2.46	Max	5.68203	1.91723	22.10265
				Min	1.08610	.63651	4.23472

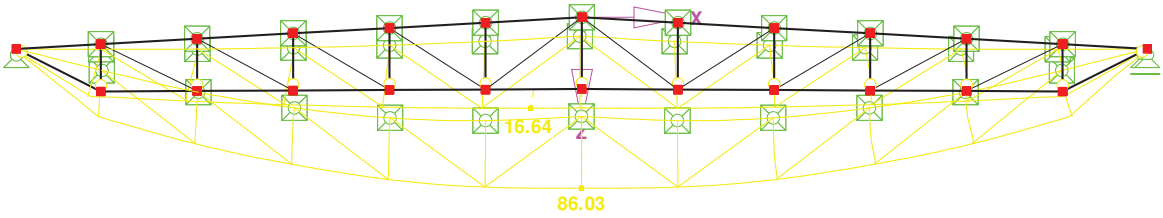
STABNUMMERIERUNG



PROFILNUMMERIERUNG



VERFORMUNG



Max u: 86.03 mm
Faktor für Verschiebungen: 5.69543E-36

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

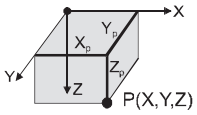
- ■ 1D-Durchlaufträger
- ■ 2D-Stabwerk
- ☒ 3D-Stabwerk
- ■ Trägerrost

11 Knoten
1 Materialien
7 Querschnitte
0 Stabendgelenke
0 Stabteilungen

19 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



KNOTEN

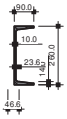
Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch	-	0.000	0.000	0.000
4	Kartesisch	-	5.410	0.000	0.000
7	Kartesisch	-	10.820	0.000	0.000
11	Kartesisch	-	1.900	0.000	0.000
12	Kartesisch	-	3.800	0.000	0.000
13	Kartesisch	-	8.920	0.000	0.000
14	Kartesisch	-	7.020	0.000	0.000
15	Kartesisch	-	7.020	0.000	1.800
16	Kartesisch	-	3.800	0.000	1.800
17	Kartesisch	-	1.900	0.000	0.900
18	Kartesisch	-	8.920	0.000	0.900

MATERIALIEN

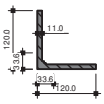
Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

QUERSCHNITTE

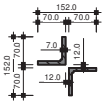
U 260



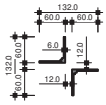
L 120x11



2LC L 70x7-12

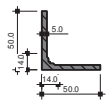


2LC L 60x6-12

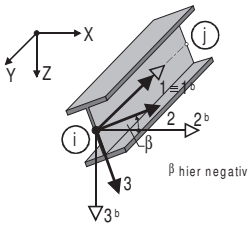


Quer.-Nr.	Mat.-Nr.	Querschnittsbezeichnung Querschnittsdrehung	I_T A	I_2 A_2	I_3 [cm⁴] A_3 [cm²]
1	1	U 260 α = 90.00°	25.50 48.300	4820.00	317.00
2	1	L 120x11 α = 90.00°	10.46 25.400	541.00	140.00
3	1	2LC L 70x7-12 α = -45.00°	3.13 18.800	283.54	134.20
4	1	2LC L 70x7-12 α = -45.00°	3.13 18.800	283.54	134.20
5	1	2LC L 60x6-12 α = -45.00°	1.69 13.820	163.81	72.20
6	1	L 50x5 α = -45.00°	0.41 4.800	17.40	4.59
7	1	L 50x5 α = -45.00°	0.41 4.800	17.40	4.59

L 50x5



Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	11	0.0	1	1	-	-	-	1.900	HORI
2	Balken	15	18	0.0	3	3	-	-	-	2.102	ALLG
3	Balken	18	7	0.0	3	3	-	-	-	2.102	ALLG
4	Balken	16	17	0.0	3	3	-	-	-	2.102	ALLG
5	Balken	17	1	0.0	3	3	-	-	-	2.102	ALLG
6	Balken	11	12	0.0	1	1	-	-	-	1.900	HORI
7	Balken	12	4	0.0	1	1	-	-	-	1.610	HORI
8	Balken	4	14	0.0	1	1	-	-	-	1.610	HORI
9	Balken	14	13	0.0	1	1	-	-	-	1.900	HORI
10	Balken	13	7	0.0	1	1	-	-	-	1.900	HORI
11	Balken	16	15	0.0	2	2	-	-	-	3.220	HORI
12	Fachwerks	17	11	0.0	6	6	-	-	-	0.900	VERT
13	Fachwerks	18	13	0.0	6	6	-	-	-	0.900	VERT
14	Fachwerks	17	12	0.0	7	7	-	-	-	2.102	ALLG
15	Fachwerks	18	14	0.0	7	7	-	-	-	2.102	ALLG
16	Fachwerks	16	12	0.0	5	5	-	-	-	1.800	VERT
17	Fachwerks	15	14	0.0	5	5	-	-	-	1.800	VERT
18	Fachwerks	16	4	0.0	4	4	-	-	-	2.415	ALLG
19	Fachwerks	15	4	0.0	4	4	-	-	-	2.415	ALLG

AUFLAGER

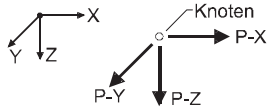
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Drehung [°] Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Nein
2	7	0.0	0.0	Nein	Ja	Ja	Nein	Nein	Nein

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	1.10
2	Dachaufbau	1.00	Ständig	-
3	Schnee	1.00	Veränderlich	-
4	Wind auf Dach	1.00	Veränderlich	-
5	Kranlaufsteg+Rohrleitungen	1.00	Ständig	-

Globale Knotenkraft



KNOTENKRÄFTE LF 1

Nr.	Belastete Knoten	Knotenkräfte Px [kN]	Py [kN]	Pz [kN]
1	4	0.000	0.000	25.770

KNOTENKRÄFTE LF 2

Nr.	Belastete Knoten	Knotenkräfte Px [kN]	Py [kN]	Pz [kN]
1	4	0.000	0.000	89.100

KNOTENKRÄFTE LF 3

Nr.	Belastete Knoten	Knotenkräfte Px [kN]	Py [kN]	Pz [kN]
1	4	0.000	0.000	79.560

KNOTENKRÄFTE LF 4

Nr.	Belastete Knoten	Knotenkräfte Px [kN]	Py [kN]	Pz [kN]
1	4	0.000	0.000	-77.880

KNOTENKRÄFTE LF 5

Nr.	Belastete Knoten	Knotenkräfte Px [kN]	Py [kN]	Pz [kN]
1	4	0.000	0.000	34.000

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.35*LF5/Ständig + 1.50*LF3 + 1.50*LF4
2	Gebrauchstauglichkeitsnachwe is	LF1/Ständig + LF2/Ständig + LF3 + LF5/Ständig

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN]			Auflagermomente [kNm]		
		P_X	P_Y	P_Z	M_X	M_Y	M_Z
1	LF1	.000	.000	16.908	.000	.000	.000
	LF2	.000	.000	44.550	.000	.000	.000
	LF3	.000	.000	39.780	.000	.000	.000
	LF4	.000	.000	-38.940	.000	.000	.000
	LF5	.000	.000	17.000	.000	.000	.000
7	LF1	.000	.000	16.908	.000	.000	.000
	LF2	.000	.000	44.550	.000	.000	.000
	LF3	.000	.000	39.780	.000	.000	.000
	LF4	.000	.000	-38.940	.000	.000	.000
	LF5	.000	.000	17.000	.000	.000	.000
ΣLasten	LF1	.000	.000	33.817			
ΣKräfte		.000	.000	33.817			
ΣLasten	LF2	.000	.000	89.100			
ΣKräfte		.000	.000	89.100			
ΣLasten	LF3	.000	.000	79.560			
ΣKräfte		.000	.000	79.560			
ΣLasten	LF4	.000	.000	-77.880			
ΣKräfte		.000	.000	-77.880			
ΣLasten	LF5	.000	.000	34.000			
ΣKräfte		.000	.000	34.000			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN]			Momente [kNm]		
				N	Q_2	Q_3	T	M_2	M_3
1	LK1	.00	max	-97.91	.81	.00	.00	-.01	.07
			min	-344.60	1.77	.01	.01	-.03	.24
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	1.77	.01	.01	-.03	.24
			min	-97.91	.81	.00	.00	-.01	.07
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	-97.91	.81	.00	.00	-.01	.07
			min	-344.60	1.77	.01	.01	-.03	.24
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		1.90	max	-97.91	-.26	.00	.00	-.01	-.46
			min	-344.60	.70	.01	.01	-.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	.70	.01	.01	-.02	-2.11
			min	-97.91	-.26	.00	.00	-.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	-97.91	-.26	.00	.00	-.01	-.46
			min	-344.60	.70	.01	.01	-.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 .00	MAX	-97.91	.81	.00	.00	-.01	.07
			MIN	-344.60	1.77	.01	.01	-.03	.24
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 .00	MAX	-344.60	1.77	.01	.01	-.03	.24
			MIN	-97.91	.81	.00	.00	-.01	.07
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		1.90 .00	MAX	-97.91	-.26	.00	.00	-.01	-.46
			MIN	-344.60	1.77	.01	.01	-.03	.24
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
2	LK1	.00	max	383.51	-.47	.48	.00	-.04	-.05
			min	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.51	-.47	.48	.00	-.04	-.05
			min	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.51	-.47	.48	.00	-.04	-.05
			min	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10	max	383.71	-.18	.19	.00	.66	.63
			min	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.71	-.18	.19	.00	.66	.63
			min	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
2	LK1	2.10	max	383.71	-.18	.19	.00	.66	.63
			min	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10 .00	MAX	383.71	-.18	.19	.00	.66	.63
			MIN	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00 2.10	MAX	383.51	-.47	.48	.00	-.04	-.05
			MIN	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10 .00	MAX	383.71	-.18	.19	.00	.66	.63
			MIN	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
3	LK1	.00	max	381.36	.08	-.08	.00	.66	.63
			min	108.27	-.09	.09	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	108.27	-.09	.09	.00	.17	.16
			min	381.36	.08	-.08	.00	.66	.63
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	381.36	.08	-.08	.00	.66	.63
			min	108.27	-.09	.09	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10	max	381.56	.38	-.37	.00	.19	.15
			min	108.47	.20	-.20	.00	.05	.04
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	108.47	.20	-.20	.00	.05	.04
			min	381.56	.38	-.37	.00	.19	.15
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	381.56	.38	-.37	.00	.19	.15
			min	108.47	.20	-.20	.00	.05	.04
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10 .00	MAX	381.56	.38	-.37	.00	.19	.15
			MIN	108.27	-.09	.09	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00 2.10	MAX	108.27	-.09	.09	.00	.17	.16
			MIN	381.56	.38	-.37	.00	.19	.15
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 2.10	MAX	381.36	.08	-.08	.00	.66	.63
			MIN	108.47	.20	-.20	.00	.05	.04
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
4	LK1	.00	max	383.51	-.47	.48	.00	-.04	-.05
			min	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.51	-.47	.48	.00	-.04	-.05
			min	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.51	-.47	.48	.00	-.04	-.05
			min	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10	max	383.71	-.18	.19	.00	.66	.63
			min	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.71	-.18	.19	.00	.66	.63
			min	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	383.71	-.18	.19	.00	.66	.63
			min	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10 .00	MAX	383.71	-.18	.19	.00	.66	.63
			MIN	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00 2.10	MAX	383.51	-.47	.48	.00	-.04	-.05
			MIN	107.64	.01	-.01	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10 .00	MAX	383.71	-.18	.19	.00	.66	.63
			MIN	107.44	-.28	.29	.00	-.12	-.13
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
5	LK1	.00	max	381.36	.08	-.08	.00	.66	.63
			min	108.27	-.09	.09	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	108.27	-.09	.09	.00	.17	.16
			min	381.36	.08	-.08	.00	.66	.63
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
5	LK1	.00	max	381.36	.08	-.08	.00	.66	.63
			min	108.27	-.09	.09	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10	max	381.56	.38	-.37	.00	.19	.15
			min	108.47	.20	-.20	.00	.05	.04
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	108.47	.20	-.20	.00	.05	.04
			min	381.56	.38	-.37	.00	.19	.15
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	381.56	.38	-.37	.00	.19	.15
			min	108.47	.20	-.20	.00	.05	.04
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		2.10 .00	MAX	381.56	.38	-.37	.00	.19	.15
			MIN	108.27	-.09	.09	.00	.17	.16
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00 2.10	MAX	108.27	-.09	.09	.00	.17	.16
			MIN	381.56	.38	-.37	.00	.19	.15
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 2.10	MAX	381.36	.08	-.08	.00	.66	.63
			MIN	108.47	.20	-.20	.00	.05	.04
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
6	LK1	.00	max	-97.91	.08	.00	.00	-.01	-.46
			min	-344.60	-1.16	.01	.01	-.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	-1.16	.01	.01	-.02	-2.11
			min	-97.91	.08	.00	.00	-.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	-97.91	.08	.00	.00	-.01	-.46
			min	-344.60	-1.16	.01	.01	-.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		1.90	max	-97.91	-.99	.00	.00	.00	.41
			min	-344.60	-2.23	.01	.01	-.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	-2.23	.01	.01	-.01	1.11
			min	-97.91	-.99	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	-97.91	-.99	.00	.00	.00	.41
			min	-344.60	-2.23	.01	.01	-.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 .00	MAX	-97.91	.08	.00	.00	-.01	-.46
			MIN	-344.60	-1.16	.01	.01	-.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 .00	MAX	-344.60	-1.16	.01	.01	-.02	-2.11
			MIN	-97.91	.08	.00	.00	-.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		1.90 .00	MAX	-97.91	-.99	.00	.00	.00	.41
			MIN	-344.60	-1.16	.01	.01	-.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
7	LK1	.00	max	-97.27	1.11	.00	.00	.00	.41
			min	-346.88	2.82	.01	.01	-.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-346.88	2.82	.01	.01	-.01	1.11
			min	-97.27	1.11	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	-97.27	1.11	.00	.00	.00	.41
			min	-346.88	2.82	.01	.01	-.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		1.61	max	-97.27	.20	.00	.00	.00	-.65
			min	-346.88	1.92	.01	.01	.00	-2.71
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-346.88	1.92	.01	.01	.00	-2.71
			min	-97.27	.20	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	-220.75	1.05	.00	.01	.00	-1.67
			min	-220.75	1.05	.00	.01	.00	-1.67
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	-97.27	1.11	.00	.00	.00	.41
			MIN	-346.88	2.82	.01	.01	-.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 .00	MAX	-346.88	2.82	.01	.01	-.01	1.11
			MIN	-97.27	1.11	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
7	LK1	1.61	MAX	-220.75	1.05	.00	.01	.00	-1.67
		.00	MIN	-346.88	2.82	.01	.01	-.01	1.11
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF5 LF3						
8	LK1	.00	max	-97.27	-.20	.00	.00	.00	-.65
			min	-346.88	-1.92	.01	.01	.00	-2.71
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
			max	-346.88	-1.92	.01	.01	.00	-2.71
			min	-97.27	-.20	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
			max	-220.75	-1.05	.00	.01	.00	-1.67
			min	-220.75	-1.05	.00	.01	.00	-1.67
			LF'e in Max: LF1 LF2 LF5						
			LF'e in Min: LF1 LF2 LF5						
		1.61	max	-97.27	-1.11	.00	.00	.00	.41
			min	-346.88	-2.82	.01	.01	.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
			max	-346.88	-2.82	.01	.01	.01	1.11
			min	-97.27	-1.11	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
			max	-346.88	-2.82	.01	.01	.01	1.11
			min	-97.27	-1.11	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
		.00	MAX	-97.27	-.20	.00	.00	.00	-.65
		.00	MIN	-346.88	-1.92	.01	.01	.00	-2.71
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	-346.88	-1.92	.01	.01	.00	-2.71
		.00	MIN	-97.27	-.20	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
		1.61	MAX	-346.88	-2.82	.01	.01	.01	1.11
		.00	MIN	-220.75	-1.05	.00	.01	.00	-1.67
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5						
9	LK1	.00	max	-97.91	.99	.00	.00	.00	.41
			min	-344.60	2.23	.01	.01	.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	2.23	.01	.01	.01	1.11
			min	-97.91	.99	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
			max	-344.60	2.23	.01	.01	.01	1.11
			min	-97.91	.99	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
		1.90	max	-97.91	-.08	.00	.00	.01	-.46
			min	-344.60	1.16	.01	.01	.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	1.16	.01	.01	.02	-2.11
			min	-97.91	-.08	.00	.00	.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
			max	-344.60	1.16	.01	.01	.02	-2.11
			min	-97.91	-.08	.00	.00	.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
		.00	MAX	-97.91	.99	.00	.00	.00	.41
		.00	MIN	-344.60	2.23	.01	.01	.01	1.11
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	-344.60	2.23	.01	.01	.01	1.11
		.00	MIN	-97.91	.99	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
		1.90	MAX	-344.60	1.16	.01	.01	.02	-2.11
		.00	MIN	-97.91	.99	.00	.00	.00	.41
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
10	LK1	.00	max	-97.91	.26	.00	.00	.01	-.46
			min	-344.60	-.70	.01	.01	.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	-.70	.01	.01	.02	-2.11
			min	-97.91	.26	.00	.00	.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
			max	-344.60	-.70	.01	.01	.02	-2.11
			min	-97.91	.26	.00	.00	.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						
		1.90	max	-97.91	-.81	.00	.00	.01	.07
			min	-344.60	-1.77	.01	.01	.03	.24
			LF'e in Max: LF1 LF2 LF5 LF4						
			LF'e in Min: LF1 LF2 LF5 LF3						
			max	-344.60	-1.77	.01	.01	.03	.24
			min	-97.91	-.81	.00	.00	.01	.07
			LF'e in Max: LF1 LF2 LF5 LF3						
			LF'e in Min: LF1 LF2 LF5 LF4						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
10	LK1	1.90	max	-344.60	-1.77	.01	.01	.03	.24
			min	-97.91	-.81	.00	.00	.01	.07
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00	MAX	-97.91	.26	.00	.00	.01	-.46
		.00	MIN	-344.60	-.70	.01	.01	.02	-2.11
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	-344.60	-.70	.01	.01	.02	-2.11
		.00	MIN	-97.91	.26	.00	.00	.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		1.90	MAX	-344.60	-1.77	.01	.01	.03	.24
		.00	MIN	-97.91	.26	.00	.00	.01	-.46
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
11	LK1	.00	max	488.65	.48	-.01	.00	.01	.07
			min	134.97	.48	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	134.97	.48	.00	.00	.00	.18
			min	488.65	.48	-.01	.00	.01	.07
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	488.65	.48	-.01	.00	.01	.07
			min	134.97	.48	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		3.22	max	488.65	-.48	-.01	.00	-.01	.07
			min	134.97	-.48	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	134.97	-.48	.00	.00	.00	.18
			min	488.65	-.48	-.01	.00	-.01	.07
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	134.97	-.48	.00	.00	.00	.18
			min	488.65	-.48	-.01	.00	-.01	.07
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	488.65	.48	-.01	.00	.01	.07
		.00	MIN	134.97	.48	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00	MAX	134.97	.48	.00	.00	.00	.18
		.00	MIN	488.65	.48	-.01	.00	.01	.07
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	488.65	.48	-.01	.00	.01	.07
		3.22	MIN	488.65	-.48	-.01	.00	-.01	.07
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF3						
12	LK1	.00	max	1.81	.00	.00			
			min	-.38	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	.70	.00	.00			
			min	.70	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.90	max	1.86	.00	.00			
			min	-.33	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	.75	.00	.00			
			min	.75	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.90	MAX	1.86	.00	.00			
		.00	MIN	-.38	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
		.00	MAX	.70	.00	.00			
		.00	MIN	.70	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
13	LK1	.00	max	1.81	.00	.00			
			min	-.38	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	.70	.00	.00			
			min	.70	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.90	max	1.86	.00	.00			
			min	-.33	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						
			max	.75	.00	.00			
			min	.75	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.90	MAX	1.86	.00	.00			
		.00	MIN	-.38	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF3 LF'e in Min: LF1 LF2 LF5 LF4						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
13	LK1	.00 .00	MAX MIN	.70 .70	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
14	LK1	.00	max min	.68 -2.55	-.04 -.04	.04 .04			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-.92 -.92	-.04 -.04	.04 .04			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.10	max min	.73 -2.50	.04 .04	-.04 -.04			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-.87 -.87	.04 .04	-.04 -.04			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.10 .00	MAX MIN	.73 -2.55	.04 -.04	-.04 .04			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 2.10	MAX MIN	-.92 -.87	-.04 .04	.04 -.04			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
15	LK1	.00	max min	.68 -2.55	-.04 -.04	.04 .04			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-.92 -.92	-.04 -.04	.04 .04			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.10	max min	.73 -2.50	.04 .04	-.04 -.04			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-.87 -.87	.04 .04	-.04 -.04			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.10 .00	MAX MIN	.73 -2.55	.04 -.04	-.04 .04			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 2.10	MAX MIN	-.92 -.87	-.04 .04	.04 -.04			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
16	LK1	.00	max min	-2.75 -4.32	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-3.53 -3.53	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		1.80	max min	-2.46 -4.03	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-3.24 -3.24	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		1.80 .00	MAX MIN	-2.46 -4.32	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00 .00	MAX MIN	-3.53 -3.53	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
17	LK1	.00	max min	-2.75 -4.32	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-3.53 -3.53	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		1.80	max min	-2.46 -4.03	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max min	-3.24 -3.24	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		1.80 .00	MAX MIN	-2.46 -4.32	.00 .00	.00 .00			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
17	LK1	.00	MAX	-3.53	.00	.00			
		.00	MIN	-3.53	.00	.00			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
18	LK1	.00	max	-56.73	-.12	.12			
			min	-212.86	-.12	.12			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-133.96	-.12	.12			
			min	-133.96	-.12	.12			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.41	max	-56.34	.12	-.12			
			min	-212.46	.12	-.12			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-133.57	.12	-.12			
			min	-133.57	.12	-.12			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.41	MAX	-56.34	.12	-.12			
		.00	MIN	-212.86	-.12	.12			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	-133.96	-.12	.12			
		2.41	MIN	-133.57	.12	-.12			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
19	LK1	.00	max	-56.73	-.12	.12			
			min	-212.86	-.12	.12			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-133.96	-.12	.12			
			min	-133.96	-.12	.12			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.41	max	-56.34	.12	-.12			
			min	-212.46	.12	-.12			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
			max	-133.57	.12	-.12			
			min	-133.57	.12	-.12			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.41	MAX	-56.34	.12	-.12			
		.00	MIN	-212.86	-.12	.12			
			LF'e in Max: LF1 LF2 LF5 LF4 LF'e in Min: LF1 LF2 LF5 LF3						
		.00	MAX	-133.96	-.12	.12			
		2.41	MIN	-133.57	.12	-.12			
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] ϕX	ϕY	ϕZ
1	LK2	Max	.00000	.00000	.00000	.00000	-3.49249	.00370
		Min	.00000	.00000	.00000	.00000	-5.20944	.00249
4	LK2	Max	-.86991	.00000	13.97794	2.21122	.00000	-.00125
		Min	-1.31475	.00000	9.22490	1.48701	.00000	-.00185
7	LK2	Max	-1.73980	.00000	.00000	4.42243	5.20944	.00370
		Min	-2.62947	.00000	.00000	2.97401	3.49249	.00249
11	LK2	Max	-.30518	.00377	8.51807	.77657	-1.94929	.00049
		Min	-.46086	.00254	5.64874	.52223	-2.96098	.00033
12	LK2	Max	-.61036	.00271	11.81046	1.55318	-1.03793	-.00092
		Min	-.92172	.00182	7.80748	1.04449	-1.59470	-.00136
13	LK2	Max	-1.43463	-.00254	8.51807	3.64586	2.96098	.00049
		Min	-2.16862	-.00377	5.64874	2.45178	1.94929	.00033
14	LK2	Max	-1.12945	-.00182	11.81046	2.86929	1.59470	-.00092
		Min	-1.70776	-.00271	7.80748	1.92955	1.03793	-.00136
15	LK2	Max	-.17697	-3.09987	11.79165	1.91925	.74732	-.26485
		Min	-.26216	-4.65809	7.79194	1.29138	.54369	-.42396
16	LK2	Max	-1.56284	-2.25337	11.79165	2.50322	-.54369	-.26485
		Min	-2.36733	-3.30232	7.79194	1.68266	-.74732	-.42396
17	LK2	Max	-1.61536	-.47971	8.52947	1.28992	-1.74173	-.20871
		Min	-2.43554	-.68075	5.65355	.87805	-2.67394	-.29102
18	LK2	Max	-.12445	-2.19692	8.52947	3.13252	2.67394	-.20871
		Min	-.19394	-3.29946	5.65355	2.09597	1.74173	-.29102
	LK2	*MAX	.00000	.00377	13.97794	4.42243	5.20944	.00370
		*MIN	-2.62947	-4.65809	.00000	.00000	-5.20944	-.42396

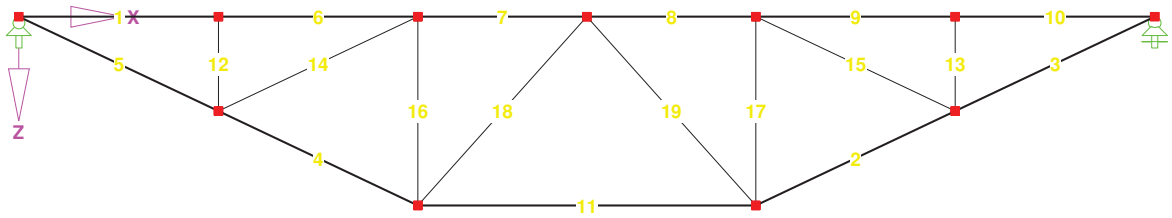
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] uX	uY	uZ
1	LK2	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		11	1.90	Max	-.30518	.00377	8.51807
				Min	-.46086	.00254	5.64874
2	LK2	15	.00	Max	-.17697	-3.09987	11.79165

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
2	LK2	15	.00	Min	-.26216	-4.65809	7.79194
		18	2.10	Max	-.12445	-2.19692	8.52947
				Min	-.19394	-3.29946	5.65355
3	LK2	18	.00	Max	-.12445	-2.19692	8.52947
				Min	-.19394	-3.29946	5.65355
		7	2.10	Max	-1.73980	.00000	.00000
				Min	-2.62947	.00000	.00000
4	LK2	16	.00	Max	-1.56284	-2.25337	11.79165
				Min	-2.36733	-3.30232	7.79194
		17	2.10	Max	-1.61536	-.47971	8.52947
				Min	-2.43554	-.68075	5.65355
5	LK2	17	.00	Max	-1.61536	-.47971	8.52947
				Min	-2.43554	-.68075	5.65355
		1	2.10	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
6	LK2	11	.00	Max	-.30518	.00377	8.51807
				Min	-.46086	.00254	5.64874
		12	1.90	Max	-.61036	.00271	11.81046
				Min	-.92172	.00182	7.80748
7	LK2	12	.00	Max	-.61036	.00271	11.81046
				Min	-.92172	.00182	7.80748
		4	1.61	Max	-.86991	.00000	13.97794
				Min	-1.31475	.00000	9.22490
8	LK2	4	.00	Max	-.86991	.00000	13.97794
				Min	-1.31475	.00000	9.22490
		14	1.61	Max	-1.12945	-.00182	11.81046
				Min	-1.70776	-.00271	7.80748
9	LK2	14	.00	Max	-1.12945	-.00182	11.81046
				Min	-1.70776	-.00271	7.80748
		13	1.90	Max	-1.43463	-.00254	8.51807
				Min	-2.16862	-.00377	5.64874
10	LK2	13	.00	Max	-1.43463	-.00254	8.51807
				Min	-2.16862	-.00377	5.64874
		7	1.90	Max	-1.73980	.00000	.00000
				Min	-2.62947	.00000	.00000
11	LK2	16	.00	Max	-1.56284	-2.25337	11.79165
				Min	-2.36733	-3.30232	7.79194
		15	3.22	Max	-.17697	-3.09987	11.79165
				Min	-.26216	-4.65809	7.79194
12	LK2	17	.00	Max	-1.61536	-.47971	8.52947
				Min	-2.43554	-.68075	5.65355
		11	.90	Max	-.30518	.00377	8.51807
				Min	-.46086	.00254	5.64874
13	LK2	18	.00	Max	-.12445	-2.19692	8.52947
				Min	-.19394	-3.29946	5.65355
		13	.90	Max	-1.43463	-.00254	8.51807
				Min	-2.16862	-.00377	5.64874
14	LK2	17	.00	Max	-1.61536	-.47971	8.52947
				Min	-2.43554	-.68075	5.65355
		12	2.10	Max	-.61036	.00271	11.81046
				Min	-.92172	.00182	7.80748
15	LK2	18	.00	Max	-.12445	-2.19692	8.52947
				Min	-.19394	-3.29946	5.65355
		14	2.10	Max	-1.12945	-.00182	11.81046
				Min	-1.70776	-.00271	7.80748
16	LK2	16	.00	Max	-1.56284	-2.25337	11.79165
				Min	-2.36733	-3.30232	7.79194
		12	1.80	Max	-.61036	.00271	11.81046
				Min	-.92172	.00182	7.80748
17	LK2	15	.00	Max	-.17697	-3.09987	11.79165
				Min	-.26216	-4.65809	7.79194
		14	1.80	Max	-1.12945	-.00182	11.81046
				Min	-1.70776	-.00271	7.80748
18	LK2	16	.00	Max	-1.56284	-2.25337	11.79165
				Min	-2.36733	-3.30232	7.79194
		4	2.41	Max	-.86991	.00000	13.97794
				Min	-1.31475	.00000	9.22490
19	LK2	15	.00	Max	-.17697	-3.09987	11.79165
				Min	-.26216	-4.65809	7.79194
		4	2.41	Max	-.86991	.00000	13.97794
				Min	-1.31475	.00000	9.22490

STABNUMMERIERUNG



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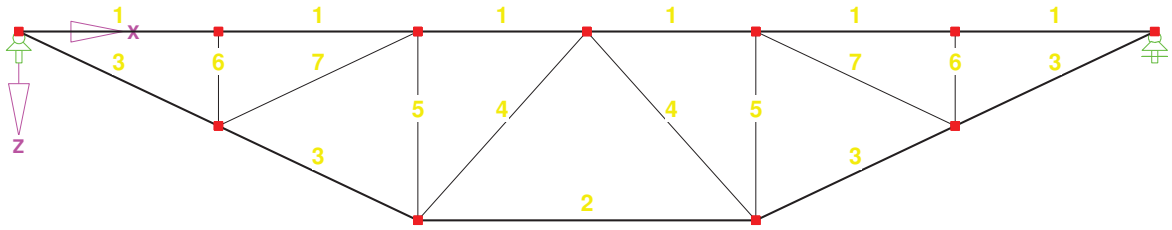
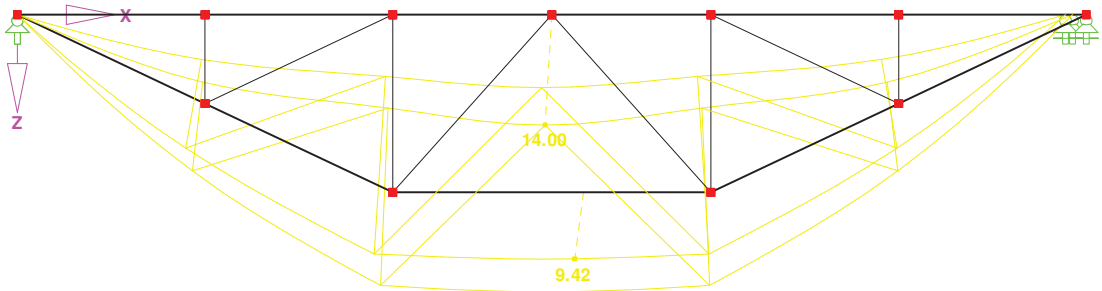


VERFORMUNG - FEST



Max u: 14.00 mm
Faktor für Verschiebungen: 2.1308E-34

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

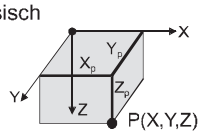
- ■ 1D-Durchlaufträger
- ■ 2D-Stabwerk
- ☒ 3D-Stabwerk
- ■ Trägerrost

14 Knoten
1 Materialien
7 Querschnitte
0 Stabendgelenke
0 Stabteilungen

24 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



KNOTEN

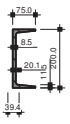
Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch	-	0.000	0.000	0.000
3	Kartesisch	-	0.000	0.000	-1.170
5	Kartesisch	-	2.164	0.000	0.000
10	Kartesisch	-	1.082	0.000	-1.170
11	Kartesisch	-	4.328	0.000	0.000
12	Kartesisch	-	3.246	0.000	-1.170
13	Kartesisch	-	6.492	0.000	0.000
14	Kartesisch	-	5.410	0.000	-1.170
15	Kartesisch	-	8.656	0.000	0.000
16	Kartesisch	-	7.574	0.000	-1.170
17	Kartesisch	-	10.820	0.000	0.000
18	Kartesisch	-	9.738	0.000	-1.170
19	Kartesisch	-	10.820	0.000	-1.170
20	Kartesisch	-	5.410	0.000	0.000

MATERIALIEN

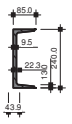
Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

QUERSCHNITTE

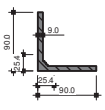
U 200



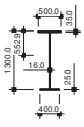
U 240



L 90x9

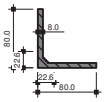


IU 1300/500/35/16/400/25

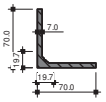


Quer.-Nr.	Mat.-Nr.	Querschnittsbezeichnung Querschnittsdrehung	I_T A	I_2 A_2	I_3 [cm⁴] A_3 [cm²]
1	1	U 200	11.90 32.200	1910.00	148.00
2	1	U 240	19.70 42.300	3600.00	248.00
3	1	L 90x9 α = -45.00°	4.28 15.500	184.00	47.80
4	1	L 90x9 α = -45.00°	4.28 15.500	184.00	47.80
5	1	IU 1300/500/35/16/400/25 α = 90.00°	1096.31 473.400	1316410.00	49834.00
6	1	L 80x8 α = -45.00°	2.67 12.300	115.00	29.60
7	1	L 70x7 α = -45.00°	1.57 9.400	67.10	17.60

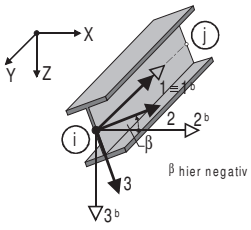
L 80x8



L 70x7



Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	3	90.0	1	1	-	-	-	1.170	VERT
3	Balken	3	10	0.0	5	5	-	-	-	1.082	HORI
4	Balken	1	5	-90.0	2	2	-	-	-	2.164	HORI
16	Fachwerks	1	10	-180.0	3	3	-	-	-	1.594	ALLG
22	Fachwerks	10	5	-180.0	4	4	-	-	-	1.594	ALLG
23	Balken	17	19	-90.0	1	1	-	-	-	1.170	VERT
24	Balken	10	12	0.0	5	5	-	-	-	2.164	HORI
25	Balken	12	14	0.0	5	5	-	-	-	2.164	HORI
26	Balken	14	16	0.0	5	5	-	-	-	2.164	HORI
27	Balken	16	18	0.0	5	5	-	-	-	2.164	HORI
28	Balken	18	19	0.0	5	5	-	-	-	1.082	HORI
29	Balken	5	11	-90.0	2	2	-	-	-	2.164	HORI
30	Balken	11	20	-90.0	2	2	-	-	-	1.082	HORI
31	Balken	13	15	-90.0	2	2	-	-	-	2.164	HORI
32	Balken	15	17	-90.0	2	2	-	-	-	2.164	HORI
33	Fachwerks	5	12	180.0	3	3	-	-	-	1.594	ALLG
34	Fachwerks	11	14	-180.0	7	7	-	-	-	1.594	ALLG
35	Fachwerks	13	16	-180.0	7	7	-	-	-	1.594	ALLG
36	Fachwerks	15	18	-180.0	3	3	-	-	-	1.594	ALLG
37	Fachwerks	12	11	-180.0	7	7	-	-	-	1.594	ALLG
38	Fachwerks	14	13	-180.0	7	7	-	-	-	1.594	ALLG
39	Fachwerks	16	15	-180.0	4	4	-	-	-	1.594	ALLG
40	Fachwerks	18	17	-180.0	4	4	-	-	-	1.594	ALLG
41	Balken	20	13	-90.0	2	2	-	-	-	1.082	HORI

AUFLAGER

Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Drehung [°] Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1,17	0.0	0.0	Ja	Ja	Ja	Nein	Nein	Nein
2	3,19	0.0	0.0	Nein	Ja	Nein	Nein	Nein	Nein

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	X=0.00 Y=-1.10 Z=0.00
3	Kranlast horizontal	1.00	Veränderlich	-

KNOTENKRÄFTE

LF 3

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	10	0.000	0.000	57.700
2	12	0.000	0.000	34.700
3	14	0.000	0.000	25.230
4	16	0.000	0.000	34.700
5	18	0.000	0.000	34.900

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination	1.35*LF1/Ständig + 1.50*LF3
2	Gebrauchstauglichkeitsnachweis	LF1/Ständig + LF3

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	PY	PZ	Auflagermomente [kNm] MX	MY	MZ
1	LF1	.000	-2.588	.000	.000	.000	.000
	LF3	-130.468	.000	102.735	.000	.000	.000
3	LF1	.000	-22.727	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
17	LF1	.000	-2.588	.000	.000	.000	.000
	LF3	130.468	.000	84.495	.000	.000	.000
19	LF1	.000	-22.727	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
ΣLasten	LF1	.000	-50.630	.000			
ΣKräfte		.000	-50.630	.000			
ΣLasten	LF3	.000	.000	187.230			

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] P_X	P_Y	P_Z
ΣKräfte	LF3	.000	.000	187.230

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
1	LK1	.00	max	.00	.00	.22	-.03	.00	.00
			min	-24.29	-1.66	.22	-.03	.00	-.72
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	.22	-.03	.00	.00
			min	.00	.00	.22	-.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.22	-.03	.00	.00
			min	.00	.00	.22	-.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.17	max	.00	.00	-.22	-.03	.00	.00
			min	-24.29	-1.66	-.22	-.03	.00	1.22
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-.22	-.03	.00	.00
			min	.00	.00	-.22	-.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-.22	-.03	.00	.00
			min	.00	.00	-.22	-.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	.00	.00	.22	-.03	.00	.00
			MIN	-24.29	-1.66	.22	-.03	.00	-.72
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00 1.17	MAX	.00	.00	.22	-.03	.00	.00
			MIN	.00	.00	-.22	-.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.58 .00	MAX	.00	.00	.00	-.03	.06	.00
			MIN	.00	.00	.22	-.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
3	LK1	.00	max	.00	.00	30.46	.00	.03	.00
			min	-1.66	24.29	30.46	.00	.03	1.22
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	30.46	.00	.03	.00
			min	.00	.00	30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	30.46	.00	.03	.00
			min	.00	.00	30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.08	max	.00	.00	24.49	.00	29.76	.00
			min	-1.66	24.29	24.49	.00	29.76	-25.06
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	24.49	.00	29.76	.00
			min	.00	.00	24.49	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	24.49	.00	29.76	.00
			min	.00	.00	24.49	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	.00	.00	30.46	.00	.03	.00
			MIN	-1.66	24.29	30.46	.00	.03	1.22
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00 1.08	MAX	.00	.00	30.46	.00	.03	.00
			MIN	.00	.00	24.49	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.08 .00	MAX	.00	.00	24.49	.00	29.76	.00
			MIN	.00	.00	30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
4	LK1	.00	max	.00	.00	-3.13	.00	.03	.00
			min	-74.44	-.48	-3.13	.00	.03	-.72
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-3.13	.00	.03	.00
			min	.00	.00	-3.13	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-3.13	.00	.03	.00
			min	.00	.00	-3.13	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	.00	.00	-2.06	.00	-5.59	.00
			min	-74.44	-.48	-2.06	.00	-5.59	.32
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
4	LK1	2.16	max	.00	.00	-2.06	.00	-5.59	.00
			min	.00	.00	-2.06	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-2.06	.00	-5.59	.00
			min	.00	.00	-2.06	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-3.13	.00	.03	.00
		.00	MIN	-74.44	-.48	-3.13	.00	.03	-.72
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		2.16	MAX	.00	.00	-2.06	.00	-5.59	.00
		.00	MIN	.00	.00	-3.13	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-3.13	.00	.03	.00
		2.16	MIN	.00	.00	-2.06	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
16	LK1	.00	max	.00	.10	.10			
			min	-176.16	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	.00	-.10	-.10			
			min	-176.16	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.10	.10			
		.00	MIN	-176.16	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00	MAX	.00	.10	.10			
		1.59	MIN	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
22	LK1	.00	max	91.38	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	91.38	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	91.38	.10	.10			
		.00	MIN	.00	.10	.10			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		.00	MAX	.00	.10	.10			
		1.59	MIN	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
23	LK1	.00	max	.00	.00	-.22	.03	.00	.00
			min	-11.69	-1.49	-.22	.03	.00	-.65
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-.22	.03	.00	.00
			min	.00	.00	-.22	.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-.22	.03	.00	.00
			min	.00	.00	-.22	.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.17	max	.00	.00	.22	.03	.00	.00
			min	-11.69	-1.49	.22	.03	.00	1.09
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	.22	.03	.00	.00
			min	.00	.00	.22	.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.22	.03	.00	.00
			min	.00	.00	.22	.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-.22	.03	.00	.00
		.00	MIN	-11.69	-1.49	-.22	.03	.00	-.65
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
23	LK1	1.17	MAX	.00	.00	.22	.03	.00	.00
		.00	MIN	.00	.00	-.22	.03	.00	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-.22	.03	.00	.00
		.58	MIN	.00	.00	.00	.03	-.06	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
24	LK1	.00	max	.00	.00	24.20	.00	29.76	.00
			min	-183.30	-.01	24.20	.00	29.76	-25.06
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	24.20	.00	29.76	.00
			min	.00	.00	24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	24.20	.00	29.76	.00
			min	.00	.00	24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	.00	.00	12.26	.00	69.22	.00
			min	-183.30	-.01	12.26	.00	69.22	-25.03
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	12.26	.00	69.22	.00
			min	.00	.00	12.26	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	12.26	.00	69.22	.00
			min	.00	.00	12.26	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	24.20	.00	29.76	.00
		.00	MIN	-183.30	-.01	24.20	.00	29.76	-25.06
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00	MAX	.00	.00	24.20	.00	29.76	.00
		2.16	MIN	.00	.00	12.26	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	MAX	.00	.00	12.26	.00	69.22	.00
		.00	MIN	.00	.00	24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
25	LK1	.00	max	.00	.00	12.03	.00	69.22	.00
			min	-257.13	3.44	12.03	.00	69.22	-25.03
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	12.03	.00	69.22	.00
			min	.00	.00	12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	12.03	.00	69.22	.00
			min	.00	.00	12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	.00	.00	.09	.00	82.33	.00
			min	-257.13	3.44	.09	.00	82.33	-32.48
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	.09	.00	82.33	.00
			min	.00	.00	.09	.00	82.33	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.09	.00	82.33	.00
			min	.00	.00	.09	.00	82.33	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	12.03	.00	69.22	.00
		.00	MIN	-257.13	3.44	12.03	.00	69.22	-25.03
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00	MAX	.00	.00	12.03	.00	69.22	.00
		2.16	MIN	.00	.00	.09	.00	82.33	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	MAX	.00	.00	.09	.00	82.33	.00
		.00	MIN	.00	.00	12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
26	LK1	.00	max	.00	.00	-.09	.00	82.33	.00
			min	-251.97	-4.70	-.09	.00	82.33	-32.48
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-.09	.00	82.33	.00
			min	.00	.00	-.09	.00	82.33	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-.09	.00	82.33	.00
			min	.00	.00	-.09	.00	82.33	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	.00	.00	-12.03	.00	69.22	.00
			min	-251.97	-4.70	-12.03	.00	69.22	-22.30
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
26	LK1	2.16	max	.00	.00	-12.03	.00	69.22	.00
			min	.00	.00	-12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-12.03	.00	69.22	.00
			min	.00	.00	-12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-.09	.00	82.33	.00
		.00	MIN	-251.97	-4.70	-.09	.00	82.33	-32.48
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00	MAX	.00	.00	-.09	.00	82.33	.00
		2.16	MIN	.00	.00	-12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-.09	.00	82.33	.00
		2.16	MIN	.00	.00	-12.03	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
27	LK1	.00	max	.00	.00	-12.26	.00	69.22	.00
			min	-171.32	-4.96	-12.26	.00	69.22	-22.30
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-12.26	.00	69.22	.00
			min	.00	.00	-12.26	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-12.26	.00	69.22	.00
			min	.00	.00	-12.26	.00	69.22	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	.00	.00	-24.20	.00	29.76	.00
			min	-171.32	-4.96	-24.20	.00	29.76	-11.56
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-24.20	.00	29.76	.00
			min	.00	.00	-24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-24.20	.00	29.76	.00
			min	.00	.00	-24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-12.26	.00	69.22	.00
		.00	MIN	-171.32	-4.96	-12.26	.00	69.22	-22.30
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00	MAX	.00	.00	-12.26	.00	69.22	.00
		2.16	MIN	.00	.00	-24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-12.26	.00	69.22	.00
		2.16	MIN	.00	.00	-24.20	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
28	LK1	.00	max	.00	.00	-24.49	.00	29.76	.00
			min	-1.49	-11.69	-24.49	.00	29.76	-11.56
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-24.49	.00	29.76	.00
			min	.00	.00	-24.49	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-24.49	.00	29.76	.00
			min	.00	.00	-24.49	.00	29.76	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.08	max	.00	.00	-30.46	.00	.03	.00
			min	-1.49	-11.69	-30.46	.00	.03	1.09
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.00	-30.46	.00	.03	.00
			min	.00	.00	-30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-30.46	.00	.03	.00
			min	.00	.00	-30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-24.49	.00	29.76	.00
		.00	MIN	-1.49	-11.69	-24.49	.00	29.76	-11.56
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00	MAX	.00	.00	-24.49	.00	29.76	.00
		1.08	MIN	.00	.00	-30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00	MAX	.00	.00	-24.49	.00	29.76	.00
		1.08	MIN	.00	.00	-30.46	.00	.03	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
29	LK1	.00	max	50.18	.10	-1.78	.00	-5.59	.32
			min	.00	.00	-1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
29	LK1	.00	max	.00	.00	-1.78	.00	-5.59	.00
			min	.00	.00	-1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-1.78	.00	-5.59	.00
			min	.00	.00	-1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	50.18	.10	-.71	.00	-8.27	.10
			min	.00	.00	-.71	.00	-8.27	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	-.71	.00	-8.27	.00
			min	.00	.00	-.71	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-.71	.00	-8.27	.00
			min	.00	.00	-.71	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	50.18	.10	-1.78	.00	-5.59	.32
			MIN	.00	.00	-1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		2.16 .00	MAX	.00	.00	-.71	.00	-8.27	.00
			MIN	.00	.00	-1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 2.16	MAX	.00	.00	-1.78	.00	-5.59	.00
			MIN	.00	.00	-.71	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
30	LK1	.00	max	72.58	.00	-.53	.00	-8.27	.10
			min	.00	.00	-.53	.00	-8.27	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	-.53	.00	-8.27	.00
			min	.00	.00	-.53	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	-.53	.00	-8.27	.00
			min	.00	.00	-.53	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.08	max	72.58	.00	.00	.00	-8.56	.10
			min	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	.00	.00	-8.56	.00
			min	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.00	.00	-8.56	.00
			min	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	72.58	.00	-.53	.00	-8.27	.10
			MIN	.00	.00	-.53	.00	-8.27	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		1.08 .00	MAX	.00	.00	.00	.00	-8.56	.00
			MIN	.00	.00	-.53	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 1.08	MAX	.00	.00	-.53	.00	-8.27	.00
			MIN	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
31	LK1	.00	max	39.89	-.07	.71	.00	-8.27	.10
			min	.00	.00	.71	.00	-8.27	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	.71	.00	-8.27	.00
			min	.00	.00	.71	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.71	.00	-8.27	.00
			min	.00	.00	.71	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		2.16	max	39.89	-.07	1.78	.00	-5.59	.26
			min	.00	.00	1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	1.78	.00	-5.59	.00
			min	.00	.00	1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	1.78	.00	-5.59	.00
			min	.00	.00	1.78	.00	-5.59	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	39.89	-.07	.71	.00	-8.27	.10
			MIN	.00	.00	.71	.00	-8.27	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
31	LK1	2.16	MAX	.00	.00	1.78	.00	-5.59	.00
		.00	MIN	.00	.00	.71	.00	-8.27	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		2.16	MAX	.00	.00	1.78	.00	-5.59	.00
		.00	MIN	.00	.00	.71	.00	-8.27	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
32	LK1	.00	max	.00	.00	2.06	.00	-5.59	.00
			min	-88.20	.42	2.06	.00	-5.59	.26
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
			max	.00	.00	2.06	.00	-5.59	.00
			min	.00	.00	2.06	.00	-5.59	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
			max	.00	.00	2.06	.00	-5.59	.00
			min	.00	.00	2.06	.00	-5.59	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		2.16	max	.00	.00	3.13	.00	.03	.00
			min	-88.20	.42	3.13	.00	.03	-.65
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
			max	.00	.00	3.13	.00	.03	.00
			min	.00	.00	3.13	.00	.03	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
			max	.00	.00	3.13	.00	.03	.00
			min	.00	.00	3.13	.00	.03	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		.00	MAX	.00	.00	2.06	.00	-5.59	.00
		.00	MIN	-88.20	.42	2.06	.00	-5.59	.26
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
		2.16	MAX	.00	.00	3.13	.00	.03	.00
		.00	MIN	.00	.00	2.06	.00	-5.59	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		2.16	MAX	.00	.00	3.13	.00	.03	.00
		.00	MIN	.00	.00	2.06	.00	-5.59	.00
			LF'e in Max: LF1						
			LF'e in Min: LF1						
33	LK1	.00	max	.00	.10	.10			
			min	-92.17	.10	.10			
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
			max	.00	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		1.59	max	.00	-.10	-.10			
			min	-92.17	-.10	-.10			
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
			max	.00	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		.00	MAX	.00	.10	.10			
		.00	MIN	-92.17	.10	.10			
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
		.00	MAX	.00	.10	.10			
		1.59	MIN	.00	-.10	-.10			
			LF'e in Max: LF1						
			LF'e in Min: LF1						
34	LK1	.00	max	.00	.06	.06			
			min	-16.43	.06	.06			
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
			max	.00	.06	.06			
			min	.00	.06	.06			
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		1.59	max	.00	-.06	-.06			
			min	-16.43	-.06	-.06			
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
			max	.00	-.06	-.06			
			min	.00	-.06	-.06			
			LF'e in Max: LF1						
			LF'e in Min: LF1						
		.00	MAX	.00	.06	.06			
		.00	MIN	-16.43	.06	.06			
			LF'e in Max: LF1						
			LF'e in Min: LF1 LF3						
		.00	MAX	.00	.06	.06			
		1.59	MIN	.00	-.06	-.06			
			LF'e in Max: LF1						
			LF'e in Min: LF1						
35	LK1	.00	max	24.12	.06	.06			
			min	.00	.06	.06			
			LF'e in Max: LF1 LF3						
			LF'e in Min: LF1						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
35	LK1	.00	max	.00	.06	.06			
			min	.00	.06	.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	24.12	-.06	-.06			
			min	.00	-.06	-.06			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	-.06	-.06			
			min	.00	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	24.12	.06	.06			
			MIN	.00	.06	.06			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		.00 1.59	MAX	.00	.06	.06			
			MIN	.00	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
36	LK1	.00	max	93.99	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	93.99	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	93.99	.10	.10			
			MIN	.00	.10	.10			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		.00 1.59	MAX	.00	.10	.10			
			MIN	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
37	LK1	.00	max	16.57	.06	.06			
			min	.00	.06	.06			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.06	.06			
			min	.00	.06	.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	16.57	-.06	-.06			
			min	.00	-.06	-.06			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	-.06	-.06			
			min	.00	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	16.57	.06	.06			
			MIN	.00	.06	.06			
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		.00 1.59	MAX	.00	.06	.06			
			MIN	.00	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
38	LK1	.00	max	.00	.06	.06			
			min	-24.03	.06	.06			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.06	.06			
			min	.00	.06	.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	.00	-.06	-.06			
			min	-24.03	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	-.06	-.06			
			min	.00	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	.00	.06	.06			
			MIN	-24.03	.06	.06			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00 1.59	MAX	.00	.06	.06			
			MIN	.00	-.06	-.06			
			LF'e in Max: LF1 LF'e in Min: LF1						
39	LK1	.00	max	.00	.10	.10			
			min	-94.67	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
39	LK1	.00	max	.00	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	.00	-.10	-.10			
			min	-94.67	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	.00	.10	.10			
			MIN	-94.67	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00 1.59	MAX	.00	.10	.10			
			MIN	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
40	LK1	.00	max	.00	.10	.10			
			min	-156.13	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	.10	.10			
			min	.00	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.59	max	.00	-.10	-.10			
			min	-156.13	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
			max	.00	-.10	-.10			
			min	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	.00	.10	.10			
			MIN	-156.13	.10	.10			
			LF'e in Max: LF1 LF'e in Min: LF1 LF3						
		.00 1.59	MAX	.00	.10	.10			
			MIN	.00	-.10	-.10			
			LF'e in Max: LF1 LF'e in Min: LF1						
41	LK1	.00	max	72.58	.00	.00	.00	-8.56	.10
			min	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	.00	.00	-8.56	.00
			min	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.00	.00	-8.56	.00
			min	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.08	max	72.58	.00	.53	.00	-8.27	.10
			min	.00	.00	.53	.00	-8.27	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
			max	.00	.00	.53	.00	-8.27	.00
			min	.00	.00	.53	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
			max	.00	.00	.53	.00	-8.27	.00
			min	.00	.00	.53	.00	-8.27	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		.00 .00	MAX	72.58	.00	.00	.00	-8.56	.10
			MIN	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF3 LF'e in Min: LF1						
		1.08 .00	MAX	.00	.00	.53	.00	-8.27	.00
			MIN	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						
		1.08 .00	MAX	.00	.00	.53	.00	-8.27	.00
			MIN	.00	.00	.00	.00	-8.56	.00
			LF'e in Max: LF1 LF'e in Min: LF1						

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] u_X	u_Y	u_Z	Verdrehungen [mrad] ϕ_X	ϕ_Y	ϕ_Z
1	LK2	Max	.00000	.00000	.00000	-.00463	.00000	-3.03725
		Min	.00000	.00000	.00000	-.00463	-.15653	-3.03725
3	LK2	Max	.08051	.00000	.02802	.00463	.00000	-.07960
		Min	.00000	.00000	.00000	.00463	-.79258	-.07960
5	LK2	Max	.00000	-6.10628	1.44987	-.00463	.00000	-2.40768
		Min	-.12090	-6.10628	.00000	-.00463	-.70440	-2.40768
10	LK2	Max	.08039	-.08449	.85748	.00463	.00000	-.07513
		Min	.00000	-.08449	.00000	.00463	-.71042	-.07513
11	LK2	Max	.00000	-9.78525	2.22880	-.00463	.00000	-.89752

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm]			Verdrehungen [mrad]		
			uX	uY	uZ	φX	φY	φZ
11	LK2	Min	-.03941	-9.78525	.00000	-.00463	-.11569	-.89752
12	LK2	Max	.05379	-.21879	2.02117	.00463	.00000	-.04518
		Min	.00000	-.21879	.00000	.00463	-.36514	-.04518
13	LK2	Max	.07847	-9.78525	2.16748	-.00463	.17231	.89752
		Min	.00000	-9.78525	.00000	-.00463	.00000	.89752
14	LK2	Max	.01648	-.26905	2.40093	.00463	.03125	.00000
		Min	.00000	-.26905	.00000	.00463	.00000	.00000
15	LK2	Max	.14325	-6.10628	1.32759	-.00463	.67584	2.40768
		Min	.00000	-6.10628	.00000	-.00463	.00000	2.40768
16	LK2	Max	.00000	-.21879	1.89950	.00463	.40879	.04518
		Min	-.02009	-.21879	.00000	.00463	.00000	.04518
17	LK2	Max	.00000	.00000	.00000	-.00463	.12918	3.03725
		Min	.00000	.00000	.00000	-.00463	.00000	3.03725
18	LK2	Max	.00000	-.08449	.73568	.00463	.64216	.07513
		Min	-.04495	-.08449	.00000	.00463	.00000	.07513
19	LK2	Max	.00000	.00000	.01349	.00463	.67823	.07960
		Min	-.04506	.00000	.00000	.00463	.00000	.07960
20	LK2	Max	.01953	-10.27356	2.27605	-.00463	.02835	.00000
		Min	.00000	-10.27356	.00000	-.00463	.00000	.00000
	LK2	*MAX	.14325	.00000	2.40093	.00463	.67823	3.03725
		*MIN	-.12090	-10.27356	.00000	-.00463	-.79258	-3.03725

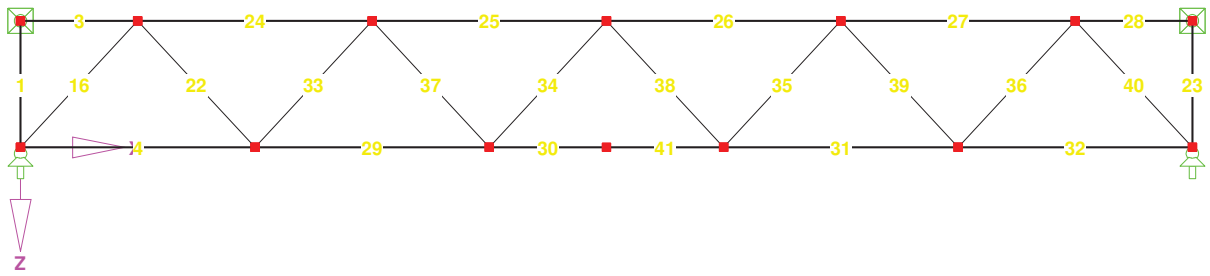
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm]		
					uX	uY	uZ
1	LK2	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		3	1.17	Max	.08051	.00000	.02802
				Min	.00000	.00000	.00000
3	LK2	3	.00	Max	.08051	.00000	.02802
				Min	.00000	.00000	.00000
		10	1.08	Max	.08039	-.08449	.85748
				Min	.00000	-.08449	.00000
4	LK2	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		5	2.16	Max	.00000	-6.10628	1.44987
				Min	-.12090	-6.10628	.00000
16	LK2	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		10	1.59	Max	.08039	-.08449	.85748
				Min	.00000	-.08449	.00000
22	LK2	10	.00	Max	.08039	-.08449	.85748
				Min	.00000	-.08449	.00000
		5	1.59	Max	.00000	-6.10628	1.44987
				Min	-.12090	-6.10628	.00000
23	LK2	17	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		19	1.17	Max	.00000	.00000	.01349
				Min	-.04506	.00000	.00000
24	LK2	10	.00	Max	.08039	-.08449	.85748
				Min	.00000	-.08449	.00000
		12	2.16	Max	.05379	-.21879	2.02117
				Min	.00000	-.21879	.00000
25	LK2	12	.00	Max	.05379	-.21879	2.02117
				Min	.00000	-.21879	.00000
		14	2.16	Max	.01648	-.26905	2.40093
				Min	.00000	-.26905	.00000
26	LK2	14	.00	Max	.01648	-.26905	2.40093
				Min	.00000	-.26905	.00000
		16	2.16	Max	.00000	-.21879	1.89950
				Min	-.02009	-.21879	.00000
27	LK2	16	.00	Max	.00000	-.21879	1.89950
				Min	-.02009	-.21879	.00000
		18	2.16	Max	.00000	-.08449	.73568
				Min	-.04495	-.08449	.00000
28	LK2	18	.00	Max	.00000	-.08449	.73568
				Min	-.04495	-.08449	.00000
		19	1.08	Max	.00000	.00000	.01349
				Min	-.04506	.00000	.00000
29	LK2	5	.00	Max	.00000	-6.10628	1.44987
				Min	-.12090	-6.10628	.00000
		11	2.16	Max	.00000	-9.78525	2.22880
				Min	-.03941	-9.78525	.00000
30	LK2	11	.00	Max	.00000	-9.78525	2.22880
				Min	-.03941	-9.78525	.00000
		20	1.08	Max	.01953	-10.27356	2.27605
				Min	.00000	-10.27356	.00000
31	LK2	13	.00	Max	.07847	-9.78525	2.16748
				Min	.00000	-9.78525	.00000
		15	2.16	Max	.14325	-6.10628	1.32759
				Min	.00000	-6.10628	.00000
32	LK2	15	.00	Max	.14325	-6.10628	1.32759
				Min	.00000	-6.10628	.00000
		17	2.16	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
33	LK2	5	.00	Max	.00000	-6.10628	1.44987
				Min	-.12090	-6.10628	.00000
		12	1.59	Max	.05379	-.21879	2.02117
				Min	.00000	-.21879	.00000
34	LK2	11	.00	Max	.00000	-9.78525	2.22880
				Min	-.03941	-9.78525	.00000
		14	1.59	Max	.01648	-.26905	2.40093
				Min	.00000	-.26905	.00000

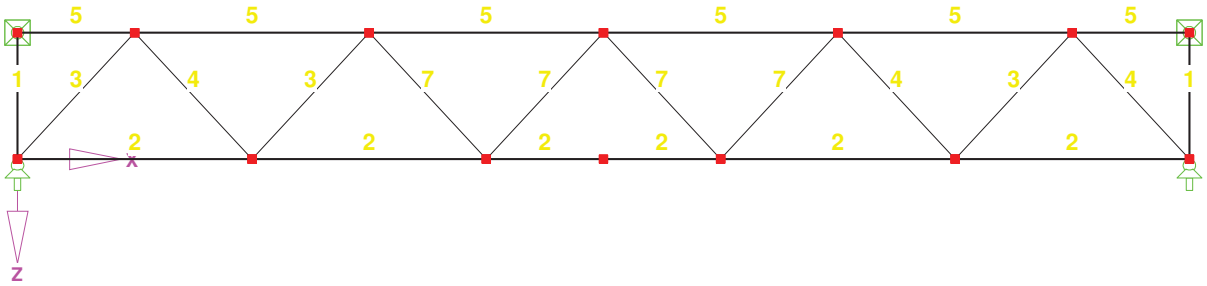
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
35	LK2	13	.00	Max	.07847	-9.78525	2.16748
				Min	.00000	-9.78525	.00000
		16	1.59	Max	.00000	-.21879	1.89950
				Min	-.02009	-.21879	.00000
36	LK2	15	.00	Max	.14325	-6.10628	1.32759
				Min	.00000	-6.10628	.00000
		18	1.59	Max	.00000	-.08449	.73568
				Min	-.04495	-.08449	.00000
37	LK2	12	.00	Max	.05379	-.21879	2.02117
				Min	.00000	-.21879	.00000
		11	1.59	Max	.00000	-9.78525	2.22880
				Min	-.03941	-9.78525	.00000
38	LK2	14	.00	Max	.01648	-.26905	2.40093
				Min	.00000	-.26905	.00000
		13	1.59	Max	.07847	-9.78525	2.16748
				Min	.00000	-9.78525	.00000
39	LK2	16	.00	Max	.00000	-.21879	1.89950
				Min	-.02009	-.21879	.00000
		15	1.59	Max	.14325	-6.10628	1.32759
				Min	.00000	-6.10628	.00000
40	LK2	18	.00	Max	.00000	-.08449	.73568
				Min	-.04495	-.08449	.00000
		17	1.59	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
41	LK2	20	.00	Max	.01953	-10.27356	2.27605
				Min	.00000	-10.27356	.00000
		13	1.08	Max	.07847	-9.78525	2.16748
				Min	.00000	-9.78525	.00000

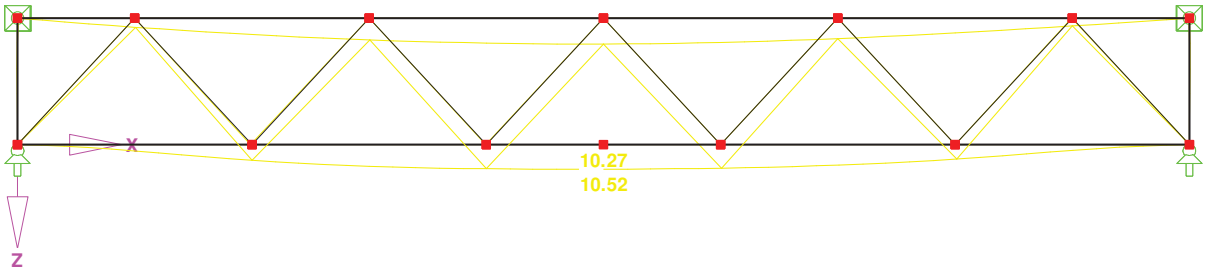
STABNUMMERIERUNG



PROFILNUMMERIERUNG



VERFORMUNG



Max u: 10.52 mm
Faktor für Verschiebungen: 3.52665E-34

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

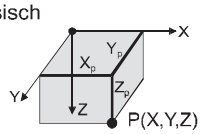
- ■ 1D-Durchlaufträger
- ■ 2D-Stabwerk
- ☒ 3D-Stabwerk
- ■ Trägerrost

66 Knoten
1 Materialien
11 Querschnitte
2 Stabendgelenke
0 Stabteilungen

84 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch Gelagert	-	0.000	0.000	-16.833
2	Kartesisch	-	-8.819	0.000	-16.339
3	Kartesisch	-	-2.939	0.000	-16.668
4	Kartesisch	-	8.820	0.000	-16.339
5	Kartesisch	-	2.940	0.000	-16.668
6	Kartesisch Gelagert	-	-2.496	0.000	-16.693
7	Kartesisch Gelagert	-	2.496	0.000	-16.693
8	Kartesisch Gelagert	-	4.992	0.000	-16.553
9	Kartesisch Gelagert	-	7.488	0.000	-16.414
10	Kartesisch Gelagert	-	-4.992	0.000	-16.553
11	Kartesisch Gelagert	-	-7.488	0.000	-16.414
12	Kartesisch Gelagert	-	-9.984	0.000	-16.274
13	Kartesisch Gelagert	-	-12.480	0.000	-16.134
14	Kartesisch Gelagert	-	9.984	0.000	-16.274
15	Kartesisch Gelagert	-	12.480	0.000	-16.134
16	Kartesisch Gelagert	-	-14.699	0.000	-16.010
28	Kartesisch Gelagert	-	14.699	0.000	-16.010
29	Kartesisch	-	-14.699	0.000	-15.550
30	Kartesisch	-	-14.699	0.000	-9.600
31	Kartesisch	-	-14.699	0.000	-10.360
36	Kartesisch	-	14.999	0.000	-0.400
37	Kartesisch	-	13.587	0.000	-1.306
39	Kartesisch	-	13.587	0.000	-3.118

KNOTEN

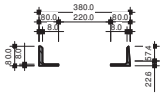
Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
41	Kartesisch	-	13.587	0.000	-4.930
43	Kartesisch	-	14.999	0.000	-2.212
45	Kartesisch	-	14.999	0.000	-4.024
48	Kartesisch	-	13.587	0.000	-6.740
50	Kartesisch	-	13.587	0.000	-8.550
51	Kartesisch	-	14.999	0.000	-5.835
53	Kartesisch	-	14.999	0.000	-7.645
55	Kartesisch Gelagert	-	13.587	0.000	0.000
56	Kartesisch Gelagert	-	14.999	0.000	0.000
57	Kartesisch	-	13.587	0.000	-9.150
58	Kartesisch	-	14.999	0.000	-9.150
59	Kartesisch	-	14.699	0.000	-9.150
60	Kartesisch	-	14.699	0.000	-15.550
61	Kartesisch	-	14.999	0.000	-8.550
62	Kartesisch	-	-14.999	0.000	-9.600
63	Kartesisch	-	-13.587	0.000	-9.600
64	Kartesisch	-	-14.999	0.000	-9.000
65	Kartesisch	-	-13.587	0.000	-9.000
66	Kartesisch	-	-14.999	0.000	-7.940
67	Kartesisch	-	-13.587	0.000	-6.880
68	Kartesisch	-	-14.999	0.000	-5.820
69	Kartesisch	-	-13.587	0.000	-5.820
70	Kartesisch	-	-13.587	0.000	-4.880
71	Kartesisch	-	-14.999	0.000	-3.940
72	Kartesisch	-	-13.587	0.000	-3.005
73	Kartesisch	-	-14.999	0.000	-2.070
74	Kartesisch	-	-13.587	0.000	-1.135
75	Kartesisch	-	-14.999	0.000	-0.200
76	Kartesisch Gelagert	-	-14.999	0.000	0.200
77	Kartesisch Gelagert	-	-13.587	0.000	0.200
78	Kartesisch	-	14.699	0.000	-10.320
80	Kartesisch	-	-12.132	0.000	-9.600
81	Kartesisch	-	-12.557	0.000	-5.820
85	Kartesisch Gelagert	-	-8.819	0.000	0.000
86	Kartesisch Gelagert	-	-2.939	0.000	0.000
87	Kartesisch Gelagert	-	2.940	0.000	0.000
88	Kartesisch Gelagert	-	8.820	0.000	0.000
89	Kartesisch	-	-2.939	0.000	-17.128
90	Kartesisch	-	2.940	0.000	-17.128
91	Kartesisch	-	-8.819	0.000	-17.129
92	Kartesisch	-	8.820	0.000	-17.129
93	Kartesisch	-	-14.699	0.000	-17.130
94	Kartesisch	-	14.699	0.000	-17.130

MATERIALIEN

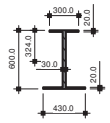
Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

IPE 400

2L(B) L 80x8-380

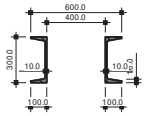


IU 600/300/20/30/430/20

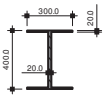


IS 600/300/10/20

2UR U 300-400



IS 400/300/20/20

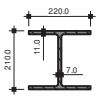


QUERSCHNITTE

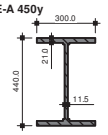
Quer.-Nr.	Mat.-Nr.	Querschnittsbezeichnung Querschnittsdrehung	I_T A	I_2 A_2	I_3 [cm⁴] A_3 [cm²]
8	1	IPE 400 α = 90.00°	51.40 84.500	23130.00	1320.00
9	1	2L(B) L 80x8-380	5.34 24.600	144.60	7038.20
10	1	Dummy Rigid			
11	1	IU 600/300/20/30/430/20	716.67 314.000	164928.00	17877.20
12	1	IS 600/300/10/20	179.33 176.000	115595.00	9004.67
13	1	2UR U 300-400	39143.70 117.600	16060.00	61588.10
15	1	IS 400/300/20/20	261.33 192.000	51136.00	9024.00
16	1	IS 600/200/20/10	170.67 156.000	67332.00	1372.00
17	1	HE-A 220	28.60 64.300	5410.00	1950.00
18	1	HE-A 450y	245.00 178.000	9470.00	63720.00
19	1	IPE 160y	3.62 20.100	68.30	869.00

IS 600/200/20/10

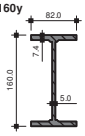
HE-A 220



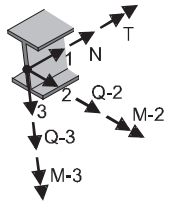
HE-A 450y



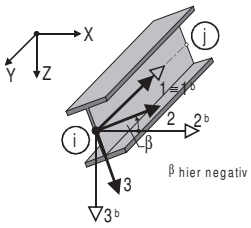
IPE 160y



Lokale Gelenkdefinition



Lokales Stabachsensystem



STABENDGELENKE

Gelenk-Nr.	Bezugs-Achse	N-/Q-Gelenk bzw. Feder [kN/m]			T-/M-Gelenk bzw. Feder [kNm/rad]		
		1-Normal	2-Schub	3-Schub	1-Torsion	2-Biegung	3-Biegung
1	Lokal	Nein	Ja	Nein	Nein	Ja	Ja
2	Lokal	Ja	Ja	Ja	Nein	Nein	Nein

STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
52	Balken	16	29	0.0	12	12	-	-	-	0.460	VERT
53	Balken	29	31	0.0	12	12	-	-	-	5.190	VERT
54	Balken	31	30	0.0	12	12	-	-	-	0.760	VERT
75	Balken	56	36	0.0	8	8	-	-	-	0.400	VERT
76	Fachwerks	36	37	0.0	9	9	-	-	-	1.678	ALLG
77	Fachwerks	37	43	0.0	9	9	-	-	-	1.678	ALLG
78	Fachwerks	43	39	0.0	9	9	-	-	-	1.678	ALLG
79	Fachwerks	39	45	0.0	9	9	-	-	-	1.678	ALLG
80	Fachwerks	45	41	0.0	9	9	-	-	-	1.678	ALLG
81	Fachwerks	41	51	0.0	9	9	-	-	-	1.677	ALLG
82	Fachwerks	51	48	0.0	9	9	-	-	-	1.677	ALLG
83	Fachwerks	48	53	0.0	9	9	-	-	-	1.677	ALLG
84	Fachwerks	53	50	0.0	9	9	-	-	-	1.677	ALLG
86	Balken	50	57	0.0	10	10	-	-	-	0.600	VERT
87	Balken	58	59	0.0	10	10	-	-	-	0.300	HORI
88	Balken	57	59	0.0	10	10	-	-	-	1.112	HORI
89	Balken	59	78	0.0	12	12	-	-	-	1.170	VERT
90	Balken	28	60	0.0	12	12	-	-	-	0.460	VERT
91	Balken	55	37	0.0	8	8	-	-	-	1.306	VERT
92	Balken	37	39	0.0	8	8	-	-	-	1.812	VERT
93	Balken	39	41	0.0	8	8	-	-	-	1.812	VERT
94	Balken	41	48	0.0	8	8	-	-	-	1.810	VERT
95	Balken	48	50	0.0	8	8	-	-	-	1.810	VERT
96	Balken	36	43	0.0	8	8	-	-	-	1.812	VERT
97	Balken	43	45	0.0	8	8	-	-	-	1.812	VERT
98	Balken	45	51	0.0	8	8	-	-	-	1.811	VERT
99	Balken	51	53	0.0	8	8	-	-	-	1.810	VERT
100	Balken	53	61	0.0	8	8	-	-	-	0.905	VERT
101	Balken	61	58	0.0	10	10	-	-	-	0.600	VERT
102	Balken	30	63	0.0	10	10	-	-	-	1.112	HORI
103	Balken	30	62	0.0	10	10	-	-	-	0.300	HORI
104	Balken	62	64	0.0	10	10	-	-	-	0.600	VERT
105	Balken	63	65	0.0	10	10	-	-	-	0.600	VERT
106	Balken	76	75	0.0	8	8	-	-	-	0.400	VERT
107	Balken	75	73	0.0	8	8	-	-	-	1.870	VERT
108	Balken	73	71	0.0	8	8	-	-	-	1.870	VERT
109	Balken	71	68	0.0	8	8	-	-	-	1.880	VERT
110	Balken	68	66	0.0	8	8	-	-	-	2.120	VERT
111	Balken	66	64	0.0	8	8	-	-	-	1.060	VERT
112	Balken	77	74	0.0	8	8	-	-	-	1.335	VERT
113	Balken	74	72	0.0	8	8	-	-	-	1.870	VERT
114	Balken	72	70	0.0	8	8	-	-	-	1.875	VERT
115	Balken	70	69	0.0	8	8	-	-	-	0.940	VERT
116	Balken	69	67	0.0	8	8	-	-	-	1.060	VERT
117	Balken	67	65	0.0	8	8	-	-	-	2.120	VERT
118	Fachwerks	75	74	0.0	9	9	-	-	-	1.694	ALLG
119	Fachwerks	74	73	0.0	9	9	-	-	-	1.694	ALLG
120	Fachwerks	73	72	0.0	9	9	-	-	-	1.694	ALLG
121	Fachwerks	72	71	0.0	9	9	-	-	-	1.694	ALLG
122	Fachwerks	71	70	0.0	9	9	-	-	-	1.696	ALLG
123	Fachwerks	70	68	0.0	9	9	-	-	-	1.696	ALLG
124	Fachwerks	68	67	0.0	9	9	-	-	-	1.766	ALLG
125	Fachwerks	67	66	0.0	9	9	-	-	-	1.766	ALLG
126	Fachwerks	66	65	0.0	9	9	-	-	-	1.766	ALLG
127	Balken	68	69	0.0	10	10	-	-	-	1.412	HORI
131	Balken	81	69	0.0	10	10	-	-	-	1.030	HORI
132	Balken	63	80	0.0	15	15	-	-	-	1.455	HORI
133	Balken	78	60	0.0	12	12	-	-	-	5.230	VERT
134	Balken	16	13	0.0	17	17	1	-	-	2.222	ALLG
135	Balken	28	15	0.0	17	17	1	-	-	2.223	ALLG
136	Balken	2	11	0.0	17	17	-	-	-	1.333	ALLG
137	Balken	3	6	0.0	17	17	-	-	-	0.444	ALLG
138	Balken	4	9	0.0	17	17	-	-	-	1.334	ALLG
139	Balken	5	7	0.0	17	17	-	-	-	0.445	ALLG

STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
140	Balken	2	85	0.0	18	18	-	-	-	16.339	VERT
141	Balken	3	86	0.0	18	18	-	-	-	16.668	VERT
142	Balken	5	87	0.0	18	18	-	-	-	16.668	VERT
143	Balken	4	88	0.0	18	18	-	-	-	16.339	VERT
144	Balken	16	93	0.0	19	19	-	-	-	1.120	VERT
145	Balken	2	91	0.0	19	19	-	-	-	0.790	VERT
146	Balken	3	89	0.0	19	19	-	-	-	0.460	VERT
147	Balken	5	90	0.0	19	19	-	-	-	0.460	VERT
148	Balken	4	92	0.0	19	19	-	-	-	0.790	VERT
149	Balken	28	94	0.0	19	19	-	-	-	1.120	VERT
150	Balken	6	1	0.0	17	17	-	-	-	2.500	ALLG
151	Balken	7	1	0.0	17	17	-	-	-	2.500	ALLG
152	Balken	8	5	0.0	17	17	-	-	-	2.055	ALLG
153	Balken	9	8	0.0	17	17	-	-	-	2.500	ALLG
154	Balken	10	3	0.0	17	17	-	-	-	2.056	ALLG
155	Balken	11	10	0.0	17	17	-	-	-	2.500	ALLG
156	Balken	12	2	0.0	17	17	-	-	-	1.167	ALLG
157	Balken	13	12	0.0	17	17	-	-	-	2.500	ALLG
158	Balken	14	4	0.0	17	17	-	-	-	1.166	ALLG
159	Balken	15	14	0.0	17	17	-	-	-	2.500	ALLG

AUFLAGER

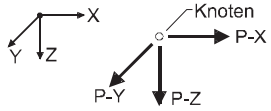
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Drehung [°] Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	55,56,76,77 Eingespannt	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Nein
2	85-88	0.0	0.0	Nein	Ja	Ja	Nein	Nein	Nein
3	1,6-16,28	0.0	0.0	Nein	Ja	Nein	Nein	Nein	Nein

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	1.20
2	Aufbau Dach und Wand	1.00	Ständig	-
3	Wind in -X	1.00	Veränderlich	-
4	Wind in +X	1.00	Veränderlich	-
5	Schnee	1.00	Veränderlich	-
6	Wind auf Dach	1.00	Veränderlich	-
7	Wind in -Y	1.00	Veränderlich	-
10	Kran 11 Achse A vertikal	1.00	Veränderlich	-
11	Kran 11 Achse B vertikal	1.00	Veränderlich	-
12	Krane 11+74 Achse A vertikal	1.00	Veränderlich	-
13	Krane 11+74 Achse B vertikal	1.00	Veränderlich	-
14	Konsolkran	1.00	Veränderlich	-
15	Kranlast horizontal	1.00	Veränderlich	-

Globale Knotenkraft



KNOTENKRÄFTE

LF 1

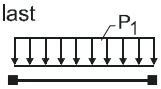
Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
3	78	0.000	0.000	3.320
6	31	0.000	0.000	3.320
7	29,60	0.000	0.000	16.900
8	1,6-16,28	0.000	0.000	0.380

KNOTENKRÄFTE

LF 2

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
5	16	0.000	0.000	44.550
6	31,78	0.000	0.000	5.000
7	30,59	0.000	0.000	80.000
8	28	0.000	0.000	44.550
9	60	0.000	0.000	8.870

1- Linienlast

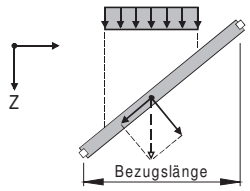


STABLASTEN

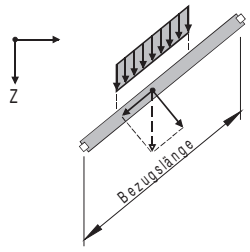
LF 2

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1			
1	52-54,104, 107-111	1	G	1.930			
3	107	1	Z	1.150			
4	89,90,96-99, 101,133	1	Z	1.930			
5	134-139, 150-159	1	Z	2.000			
6	144-149	1	Z	2.150			
7	140	1	Z	2.208			
8	141	1	Z	2.208			
9	142	1	Z	2.208			
10	143	1	Z	2.208			

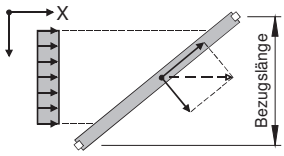
Z - Global in Z-Richtung



G - In Z-Richtung als Gewicht



X - Global in X-Richtung



STABLASTEN — LF 2

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
11	90	1	Z	1.150
12	133	1	Z	1.150
13	89	1	Z	1.150
14	101	1	Z	1.150
15	100	1	Z	1.150
16	99	1	Z	1.150
17	100	1	Z	1.930
18	98	1	Z	1.150
19	97	1	Z	1.150
20	96	1	Z	1.150
21	52	1	Z	1.150
22	53	1	Z	1.150
23	54	1	Z	1.150
24	104	1	Z	1.150
25	111	1	Z	1.150
26	110	1	Z	1.150
27	109	1	Z	1.150
28	108	1	Z	1.150

STABLASTEN — LF 3

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	89,90,133	1	X	-3.460
2	96-101	1	X	-2.810

STABLASTEN — LF 4

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	52-54	1	X	3.460
2	104,107-111	1	X	2.810

KNOTENKRÄFTE — LF 5

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
4	16,28	0.000	0.000	39.780
5	60	0.000	0.000	9.600

STABLASTEN — LF 5

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	134-139, 150-159	1	Z	2.120

KNOTENKRÄFTE — LF 6

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	16,28	0.000	0.000	-38.940

STABLASTEN — LF 6

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	134-139, 150-159	1	Z	-2.600

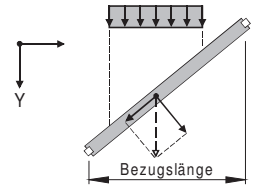
STABLASTEN — LF 7

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
5	140	1	Y	-3.360
6	141	1	Y	-3.360
7	142	1	Y	-3.360
8	143	1	Y	-3.360
9	145	1	Y	-3.360
10	146	1	Y	-3.360

STABLASTEN

LF 7

Y - Global in Y-Richtung



Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1			
11	147	1	Y	-3.360			
12	148	1	Y	-3.360			
13	52	1	Y	-1.680			
14	53	1	Y	-1.680			
15	54	1	Y	-1.680			
16	89	1	Y	-1.680			
17	90	1	Y	-1.680			
18	96	1	Y	-1.680			
19	97	1	Y	-1.680			
20	98	1	Y	-1.680			
21	99	1	Y	-1.680			
22	100	1	Y	-1.680			
23	101	1	Y	-1.680			
24	104	1	Y	-1.680			
25	107	1	Y	-1.680			
26	108	1	Y	-1.680			
27	109	1	Y	-1.680			
28	110	1	Y	-1.680			
29	111	1	Y	-1.680			
30	133	1	Y	-1.680			
31	144	1	Y	-1.680			
32	149	1	Y	-1.680			

KNOTENKRÄFTE

LF 10

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	57	0.000	0.000	550.000
2	63	0.000	0.000	98.000

KNOTENKRÄFTE

LF 11

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	57	0.000	0.000	98.000
2	63	0.000	0.000	550.000

KNOTENKRÄFTE

LF 12

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	57	0.000	0.000	577.000
2	63	0.000	0.000	108.000

KNOTENKRÄFTE

LF 13

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	63	0.000	0.000	577.000
2	57	0.000	0.000	108.000

KNOTENKRÄFTE

LF 14

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	81	0.000	0.000	14.780
2	81	-24.970	0.000	0.000
3	80	24.970	0.000	0.000

KNOTENKRÄFTE

LF 15

Nr.	Belastete Knoten	Knotenkräfte P_X [kN]	P_Y [kN]	P_Z [kN]
1	31	128.000	0.000	0.000
4	78	-128.000	0.000	0.000

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Gebrauchstauglichkeitsnachwe is +X	LF1/Ständig + LF2/Ständig + LF3 oder LF4 oder LF7 + LF5 + LF6 + LF10 oder LF11 oder LF12 oder LF13 + LF14 + LF15
10	Maßgebende LF-Kombination	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.35*LF3

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
10	Maßgebende LF-Kombination	oder 1.35*LF4 + 1.35*LF5 + 1.35*LF6 + 1.35*LF10 oder 1.35*LF11 oder 1.35*LF12 oder 1.35*LF13 + 1.35*LF14 + 1.35*LF15 + 1.35*LF7
11	Maßgebende LF-Kombination2	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.50*LF3 oder 1.50*LF4 oder 1.50*LF5 oder 1.50*LF6 oder 1.50*LF7 oder 1.50*LF10 oder 1.50*LF11 oder 1.50*LF12 oder 1.50*LF13 oder 1.50*LF14 oder 1.50*LF15

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN]			Auflagermomente [kNm]		
		PX	PY	PZ	MX	MY	MZ
1	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	5.124	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
6	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-28.686	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
7	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-28.680	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
8	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-1.588	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
9	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-15.692	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
10	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-1.577	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN]			Auflagermomente [kNm]		
		P_X	P_Y	P_Z	M_X	M_Y	M_Z
10	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
11	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-15.710	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
12	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-18.681	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
13	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	2.351	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
14	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-18.697	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
15	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	2.352	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
16	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-10.656	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
28	LF1	.000	.000	.000	.000	.000	.000
	LF2	.000	.000	.000	.000	.000	.000
	LF3	.000	.000	.000	.000	.000	.000
	LF4	.000	.000	.000	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
	LF6	.000	.000	.000	.000	.000	.000
	LF7	.000	-10.519	.000	.000	.000	.000
	LF10	.000	.000	.000	.000	.000	.000
	LF11	.000	.000	.000	.000	.000	.000
	LF12	.000	.000	.000	.000	.000	.000
	LF13	.000	.000	.000	.000	.000	.000
	LF14	.000	.000	.000	.000	.000	.000
	LF15	.000	.000	.000	.000	.000	.000
55	LF1	-.052	.000	21.883	.000	.000	.000
	LF2	-.307	.000	77.210	.000	.000	.000

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN]			Auflagermomente [kNm]		
		P_X	P_Y	P_Z	M_X	M_Y	M_Z
55	LF3	-2.167	.000	183.262	.000	.000	.000
	LF4	.394	.000	-100.632	.000	.000	.000
	LF5	-.079	.000	22.066	.000	.000	.000
	LF6	.069	.000	-19.027	.000	.000	.000
	LF7	.000	-.613	.000	-7.905	.000	.000
	LF10	.765	.000	428.135	.000	.000	.000
	LF11	.550	.000	-29.382	.000	.000	.000
	LF12	.807	.000	448.123	.000	.000	.000
	LF13	.584	.000	-26.601	.000	.000	.000
	LF14	.121	.000	-30.977	.000	.000	.000
	LF15	-4.228	.000	358.790	.000	.000	.000
56	LF1	-.491	.000	28.996	.000	.000	.000
	LF2	-3.385	.000	116.096	.000	.000	.000
	LF3	-35.572	.000	-182.761	.000	.000	.000
	LF4	8.490	.000	101.091	.000	.000	.000
	LF5	-.850	.000	32.169	.000	.000	.000
	LF6	.768	.000	-25.892	.000	.000	.000
	LF7	.000	-15.965	.000	-61.110	.000	.000
	LF10	9.992	.000	122.372	.000	.000	.000
	LF11	10.695	.000	127.956	.000	.000	.000
	LF12	10.570	.000	129.414	.000	.000	.000
	LF13	11.299	.000	135.208	.000	.000	.000
	LF14	2.613	.000	31.119	.000	.000	.000
	LF15	-72.855	.000	-356.020	.000	.000	.000
76	LF1	.494	.000	27.536	.000	.000	.000
	LF2	3.395	.000	109.500	.000	.000	.000
	LF3	-8.529	.000	102.509	.000	.000	.000
	LF4	35.943	.000	-185.950	.000	.000	.000
	LF5	.858	.000	24.480	.000	.000	.000
	LF6	-.768	.000	-25.773	.000	.000	.000
	LF7	.000	-16.355	.000	-57.101	.000	.000
	LF10	-10.266	.000	123.929	.000	.000	.000
	LF11	-10.523	.000	129.513	.000	.000	.000
	LF12	-10.854	.000	131.059	.000	.000	.000
	LF13	-11.121	.000	136.853	.000	.000	.000
	LF14	-2.495	.000	-46.109	.000	.000	.000
	LF15	73.095	.000	-370.558	.000	.000	.000
77	LF1	.049	.000	26.349	.000	.000	.000
	LF2	.298	.000	75.555	.000	.000	.000
	LF3	-.369	.000	-102.050	.000	.000	.000
	LF4	2.080	.000	186.451	.000	.000	.000
	LF5	.072	.000	20.159	.000	.000	.000
	LF6	-.068	.000	-19.145	.000	.000	.000
	LF7	.000	-.424	.000	-12.730	.000	.000
	LF10	-.492	.000	-25.382	.000	.000	.000
	LF11	-.722	.000	421.014	.000	.000	.000
	LF12	-.522	.000	-22.481	.000	.000	.000
	LF13	-.761	.000	440.704	.000	.000	.000
	LF14	-.239	.000	61.046	.000	.000	.000
	LF15	3.988	.000	373.329	.000	.000	.000
85	LF1	.000	.000	32.595	.000	.000	.000
	LF2	.000	.000	51.123	.000	.000	.000
	LF3	.000	.000	.163	.000	.000	.000
	LF4	.000	.000	.062	.000	.000	.000
	LF5	.000	.000	14.119	.000	.000	.000
	LF6	.000	.000	-17.312	.000	.000	.000
	LF7	.000	-27.385	.000	.000	.000	.000
	LF10	.000	.000	.209	.000	.000	.000
	LF11	.000	.000	.323	.000	.000	.000
	LF12	.000	.000	.222	.000	.000	.000
	LF13	.000	.000	.340	.000	.000	.000
	LF14	.000	.000	.013	.000	.000	.000
	LF15	.000	.000	.602	.000	.000	.000
86	LF1	.000	.000	32.410	.000	.000	.000
	LF2	.000	.000	49.440	.000	.000	.000
	LF3	.000	.000	-.636	.000	.000	.000
	LF4	.000	.000	-.550	.000	.000	.000
	LF5	.000	.000	12.186	.000	.000	.000
	LF6	.000	.000	-14.928	.000	.000	.000
	LF7	.000	-27.976	.000	.000	.000	.000
	LF10	.000	.000	-.743	.000	.000	.000
	LF11	.000	.000	-.866	.000	.000	.000
	LF12	.000	.000	-.786	.000	.000	.000
	LF13	.000	.000	-.914	.000	.000	.000
	LF14	.000	.000	-.165	.000	.000	.000
	LF15	.000	.000	-3.372	.000	.000	.000
87	LF1	.000	.000	32.410	.000	.000	.000
	LF2	.000	.000	49.438	.000	.000	.000
	LF3	.000	.000	-.552	.000	.000	.000
	LF4	.000	.000	-.634	.000	.000	.000
	LF5	.000	.000	12.179	.000	.000	.000
	LF6	.000	.000	-14.928	.000	.000	.000
	LF7	.000	-27.976	.000	.000	.000	.000
	LF10	.000	.000	-.823	.000	.000	.000
	LF11	.000	.000	-.771	.000	.000	.000
	LF12	.000	.000	-.869	.000	.000	.000
	LF13	.000	.000	-.816	.000	.000	.000
	LF14	.000	.000	-.196	.000	.000	.000
	LF15	.000	.000	-3.375	.000	.000	.000
88	LF1	.000	.000	32.594	.000	.000	.000
	LF2	.000	.000	51.127	.000	.000	.000
	LF3	.000	.000	.064	.000	.000	.000
	LF4	.000	.000	.161	.000	.000	.000
	LF5	.000	.000	14.128	.000	.000	.000
	LF6	.000	.000	-17.311	.000	.000	.000
	LF7	.000	-27.385	.000	.000	.000	.000

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN]			Auflagermomente [kNm]		
		P_X	P_Y	P_Z	M_X	M_Y	M_Z
88	LF10	.000	.000	.303	.000	.000	.000
	LF11	.000	.000	.212	.000	.000	.000
	LF12	.000	.000	.319	.000	.000	.000
	LF13	.000	.000	.225	.000	.000	.000
	LF14	.000	.000	.050	.000	.000	.000
	LF15	.000	.000	.605	.000	.000	.000
ΣLasten	LF1	.000	.000	234.773			
ΣKräfte		.000	.000	234.773			
ΣLasten	LF2	.000	.000	579.490			
ΣKräfte		.000	.000	579.490			
ΣLasten	LF3	-46.636	.000	.000			
ΣKräfte		-46.636	.000	.000			
ΣLasten	LF4	46.907	.000	.000			
ΣKräfte		46.907	.000	.000			
ΣLasten	LF5	.000	.000	151.485			
ΣKräfte		.000	.000	151.485			
ΣLasten	LF6	.000	.000	-154.316			
ΣKräfte		.000	.000	-154.316			
ΣLasten	LF7	.000	-284.740	.000			
ΣKräfte		.000	-284.739	.000			
ΣLasten	LF10	.000	.000	648.000			
ΣKräfte		.000	.000	648.000			
ΣLasten	LF11	.000	.000	648.000			
ΣKräfte		.000	.000	648.000			
ΣLasten	LF12	.000	.000	685.000			
ΣKräfte		.000	.000	685.000			
ΣLasten	LF13	.000	.000	685.000			
ΣKräfte		.000	.000	685.000			
ΣLasten	LF14	.000	.000	14.780			
ΣKräfte		.000	.000	14.780			
ΣLasten	LF15	.000	.000	.000			
ΣKräfte		.000	.000	.000			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN]			Momente [kNm]		
				N	Q_2	Q_3	T	M_2	M_3
52	LK10	.00	max	-11.63	.00	4.59	.00	.00	.00
			min	-137.95	.00	-92.81	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-72.27	.00	5.72	.00	.00	.00
			min	-72.27	-11.85	5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-132.54	.00	6.97	.00	.00	.00
			min	-16.96	.00	-95.90	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-72.27	-11.85	5.72	.00	.00	-1.42
			min	-72.27	.00	5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-72.27	.00	5.72	.00	.00	.00
			min	-72.27	.00	5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-72.27	.00	5.72	.00	.00	.00
			min	-72.27	-11.85	5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	-14.58	.00	4.59	.00	2.11	.00
			min	-140.89	.00	-90.66	.00	-42.20	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-75.22	.00	5.72	.00	2.63	.00
			min	-75.22	-10.80	5.72	.00	2.63	3.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-135.48	.00	6.97	.00	3.21	.00
			min	-19.90	.00	-95.90	.00	-44.11	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-75.22	-10.80	5.72	.00	2.63	3.79
			min	-75.22	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-135.48	.00	6.97	.00	3.21	.00
			min	-19.90	.00	-95.90	.00	-44.11	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-75.22	-10.80	5.72	.00	2.63	3.79
			min	-75.22	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-11.63	.00	4.59	.00	.00	.00
		.46	MIN	-140.89	.00	-90.66	.00	-42.20	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		.00	MAX	-72.27	.00	5.72	.00	.00	.00
		.00	MIN	-72.27	-11.85	5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-132.54	.00	6.97	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
52	LK10	.00	MIN	-16.96	.00	-95.90	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	-72.27	-11.85	5.72	.00	.00	-1.42
		.00	MIN	-72.27	.00	5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.46	MAX	-135.48	.00	6.97	.00	3.21	.00
		.46	MIN	-19.90	.00	-95.90	.00	-44.11	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.46	MAX	-75.22	-10.80	5.72	.00	2.63	3.79
		.00	MIN	-72.27	-11.85	5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-4.90	.00	4.46	.00	.00	.00
			min	-139.23	.00	7.11	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-72.27	.00	5.72	.00	.00	.00
			min	-72.27	-13.16	5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-139.23	.00	7.11	.00	.00	.00
			min	-76.43	.00	-70.66	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-72.27	-13.16	5.72	.00	.00	-1.58
			min	-72.27	.00	5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-72.27	.00	5.72	.00	.00	.00
			min	-72.27	.00	5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-72.27	.00	5.72	.00	.00	.00
			min	-72.27	-13.16	5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	-7.84	.00	4.46	.00	2.05	.00
			min	-142.17	.00	7.11	.00	3.27	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-75.22	.00	5.72	.00	2.63	.00
			min	-75.22	-12.00	5.72	.00	2.63	4.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-142.17	.00	7.11	.00	3.27	.00
			min	-79.37	.00	-70.66	.00	-32.50	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-75.22	-12.00	5.72	.00	2.63	4.21
			min	-75.22	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-142.17	.00	7.11	.00	3.27	.00
			min	-79.37	.00	-70.66	.00	-32.50	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-75.22	-12.00	5.72	.00	2.63	4.21
			min	-75.22	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-4.90	.00	4.46	.00	.00	.00
		.46	MIN	-142.17	.00	7.11	.00	3.27	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	-72.27	.00	5.72	.00	.00	.00
		.00	MIN	-72.27	-13.16	5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-139.23	.00	7.11	.00	.00	.00
		.00	MIN	-76.43	.00	-70.66	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-72.27	-13.16	5.72	.00	.00	-1.58
		.00	MIN	-72.27	.00	5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.46	MAX	-142.17	.00	7.11	.00	3.27	.00
		.46	MIN	-79.37	.00	-70.66	.00	-32.50	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.46	MAX	-75.22	-12.00	5.72	.00	2.63	4.21
		.00	MIN	-72.27	-13.16	5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
53	LK10	.00	max	-37.39	.00	4.59	.00	2.11	.00
			min	-163.70	.00	-90.66	.00	-42.20	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-98.03	.00	5.72	.00	2.63	.00
			min	-98.03	-10.80	5.72	.00	2.63	3.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-158.29	.00	6.97	.00	3.21	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
53	LK10	.00	min	-42.72	.00	-95.90	.00	-44.11	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-98.03	-10.80	5.72	.00	2.63	3.79
			min	-98.03	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-158.29	.00	6.97	.00	3.21	.00
			min	-42.72	.00	-95.90	.00	-44.11	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-98.03	-10.80	5.72	.00	2.63	3.79
			min	-98.03	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.19	max	-70.59	.00	4.59	.00	25.92	.00
			min	-196.90	.00	-66.42	.00	-449.82	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-131.23	.97	5.72	.00	32.30	29.31
			min	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-192.17	.00	21.37	.00	46.19	.00
			min	-75.91	.00	-95.90	.00	-541.81	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-131.23	.97	5.72	.00	32.30	29.31
			min	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-192.17	.00	21.37	.00	46.19	.00
			min	-75.91	.00	-95.90	.00	-541.81	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-131.23	.97	5.72	.00	32.30	29.31
			min	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 5.19	MAX	-37.39	.00	4.59	.00	2.11	.00
			MIN	-196.90	.00	-66.42	.00	-449.82	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		5.19 .00	MAX	-131.23	.97	5.72	.00	32.30	29.31
			MIN	-98.03	-10.80	5.72	.00	2.63	3.79
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		5.19 .00	MAX	-192.17	.00	21.37	.00	46.19	.00
			MIN	-42.72	.00	-95.90	.00	-44.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	-98.03	-10.80	5.72	.00	2.63	3.79
			MIN	-98.03	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.19 5.19	MAX	-192.17	.00	21.37	.00	46.19	.00
			MIN	-75.91	.00	-95.90	.00	-541.81	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		4.67 5.19	MAX	-127.91	-.21	5.72	.00	29.34	29.50
			MIN	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	-30.65	.00	4.46	.00	2.05	.00
			min	-164.99	.00	7.11	.00	3.27	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-98.03	.00	5.72	.00	2.63	.00
			min	-98.03	-12.00	5.72	.00	2.63	4.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-164.99	.00	7.11	.00	3.27	.00
			min	-102.19	.00	-70.66	.00	-32.50	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-98.03	-12.00	5.72	.00	2.63	4.21
			min	-98.03	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-164.99	.00	7.11	.00	3.27	.00
			min	-102.19	.00	-70.66	.00	-32.50	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-98.03	-12.00	5.72	.00	2.63	4.21
			min	-98.03	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.19	max	-63.85	.00	4.46	.00	25.21	.00
			min	-198.19	.00	7.11	.00	40.18	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-131.23	1.08	5.72	.00	32.30	32.56
			min	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-131.98	.00	21.71	.00	39.85	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
53	LK11	5.19	min	-135.38	.00	-70.66	.00	-399.22	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-131.23	1.08	5.72	.00	32.30	32.56
			min	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-198.19	.00	7.11	.00	40.18	.00
			min	-135.38	.00	-70.66	.00	-399.22	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-131.23	1.08	5.72	.00	32.30	32.56
			min	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-30.65	.00	4.46	.00	2.05	.00
		5.19	MIN	-198.19	.00	7.11	.00	40.18	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		5.19	MAX	-131.23	1.08	5.72	.00	32.30	32.56
		.00	MIN	-98.03	-12.00	5.72	.00	2.63	4.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		5.19	MAX	-131.98	.00	21.71	.00	39.85	.00
		.00	MIN	-102.19	.00	-70.66	.00	-32.50	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-98.03	-12.00	5.72	.00	2.63	4.21
		.00	MIN	-98.03	.00	5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.19	MAX	-198.19	.00	7.11	.00	40.18	.00
		5.19	MIN	-135.38	.00	-70.66	.00	-399.22	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		4.67	MAX	-127.91	-.23	5.72	.00	29.34	32.78
		5.19	MIN	-131.23	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
54	LK10	.00	max	-81.82	.00	4.59	.00	25.92	.00
			min	-208.13	.00	106.38	.00	-449.82	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-142.46	.97	5.72	.00	32.30	29.31
			min	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-207.14	.00	125.43	.00	-342.18	.00
			min	-83.40	.00	-27.16	.00	-153.44	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	-142.46	.97	5.72	.00	32.30	29.31
			min	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-203.40	.00	21.37	.00	46.19	.00
			min	-87.14	.00	76.90	.00	-541.81	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-142.46	.97	5.72	.00	32.30	29.31
			min	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.76	max	-86.68	.00	4.59	.00	29.41	.00
			min	-212.99	.00	109.93	.00	-367.62	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-147.32	2.69	5.72	.00	36.65	27.91
			min	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-212.00	.00	128.98	.00	-245.51	.00
			min	-88.26	.00	-27.16	.00	-174.08	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	-147.32	2.69	5.72	.00	36.65	27.91
			min	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-208.26	.00	24.92	.00	63.78	.00
			min	-92.00	.00	76.90	.00	-483.36	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-147.32	2.69	5.72	.00	36.65	27.91
			min	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-81.82	.00	4.59	.00	25.92	.00
		.76	MIN	-212.99	.00	109.93	.00	-367.62	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		.76	MAX	-147.32	2.69	5.72	.00	36.65	27.91
		.00	MIN	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.76	MAX	-212.00	.00	128.98	.00	-245.51	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
54	LK10	.00	MIN	-83.40	.00	-27.16	.00	-153.44	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
		.00	MAX	-142.46	.97	5.72	.00	32.30	29.31
		.00	MIN	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.76	MAX	-208.26	.00	24.92	.00	63.78	.00
		.00	MIN	-87.14	.00	76.90	.00	-541.81	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	-142.46	.97	5.72	.00	32.30	29.31
		.76	MIN	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	-75.08	.00	4.46	.00	25.21	.00
			min	-209.42	.00	7.11	.00	40.18	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-142.46	1.08	5.72	.00	32.30	32.56
			min	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-146.62	.00	121.34	.00	-399.22	.00
			min	-143.30	.00	-12.11	.00	-68.40	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-142.46	1.08	5.72	.00	32.30	32.56
			min	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-209.42	.00	7.11	.00	40.18	.00
			min	-146.62	.00	121.34	.00	-399.22	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-142.46	1.08	5.72	.00	32.30	32.56
			min	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.76	max	-79.94	.00	4.46	.00	28.61	.00
			min	-214.28	.00	7.11	.00	45.59	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-147.32	2.99	5.72	.00	36.65	31.02
			min	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-151.48	.00	121.34	.00	-307.00	.00
			min	-148.16	.00	-12.11	.00	-77.60	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-147.32	2.99	5.72	.00	36.65	31.02
			min	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-148.07	.00	25.66	.00	57.85	.00
			min	-151.48	.00	121.34	.00	-307.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-147.32	2.99	5.72	.00	36.65	31.02
			min	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-75.08	.00	4.46	.00	25.21	.00
		.76	MIN	-214.28	.00	7.11	.00	45.59	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.76	MAX	-147.32	2.99	5.72	.00	36.65	31.02
		.00	MIN	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-146.62	.00	121.34	.00	-399.22	.00
		.00	MIN	-143.30	.00	-12.11	.00	-68.40	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	-142.46	1.08	5.72	.00	32.30	32.56
		.00	MIN	-142.46	.00	5.72	.00	32.30	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.76	MAX	-148.07	.00	25.66	.00	57.85	.00
		.00	MIN	-146.62	.00	121.34	.00	-399.22	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-142.46	1.08	5.72	.00	32.30	32.56
		.76	MIN	-147.32	.00	5.72	.00	36.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
75	LK10	.00	max	566.43	-150.57	.00	.00	.00	.00
			min	-600.32	23.86	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-521.93	26.05	.00	.00	.00	.00
			min	488.05	-152.76	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-195.87	-5.23	21.55	.00	-82.50	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
75	LK10	.00	min	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-195.87	-5.23	.00	.00	.00	.00
			min	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-195.87	-5.23	.00	.00	.00	.00
			min	-195.87	-5.23	21.55	.00	-82.50	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-195.87	-5.23	.00	.00	.00	.00
			min	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.40	max	566.86	-150.57	.00	.00	.00	60.23
			min	-599.89	23.86	.00	.00	.00	-9.54
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-521.50	26.05	.00	.00	.00	-10.42
			min	488.48	-152.76	.00	.00	.00	61.10
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-195.44	-5.23	21.55	.00	-73.88	2.09
			min	-195.44	-5.23	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-195.44	-5.23	.00	.00	.00	2.09
			min	-195.44	-5.23	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-195.44	-5.23	.00	.00	.00	2.09
			min	-195.44	-5.23	21.55	.00	-73.88	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	488.48	-152.76	.00	.00	.00	61.10
			min	-521.50	26.05	.00	.00	.00	-10.42
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.40 .00	MAX	566.86	-150.57	.00	.00	.00	60.23
			MIN	-600.32	23.86	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
		.00 .00	MAX	-521.93	26.05	.00	.00	.00	.00
			MIN	488.05	-152.76	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-195.87	-5.23	21.55	.00	-82.50	.00
			MIN	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-195.87	-5.23	.00	.00	.00	.00
			MIN	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.40 .00	MAX	-195.44	-5.23	.00	.00	.00	2.09
			MIN	-195.87	-5.23	21.55	.00	-82.50	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.40 .40	MAX	488.48	-152.76	.00	.00	.00	61.10
			MIN	-521.50	26.05	.00	.00	.00	-10.42
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
	LK11	.00	max	338.16	-114.51	.00	.00	.00	.00
			min	-398.69	11.72	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-398.69	11.72	.00	.00	.00	.00
			min	338.16	-114.51	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-195.87	-5.23	23.95	.00	-91.66	.00
			min	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-195.87	-5.23	.00	.00	.00	.00
			min	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-195.87	-5.23	.00	.00	.00	.00
			min	-195.87	-5.23	23.95	.00	-91.66	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-195.87	-5.23	.00	.00	.00	.00
			min	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.40	max	338.59	-114.51	.00	.00	.00	45.81
			min	-398.26	11.72	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-398.26	11.72	.00	.00	.00	-4.69
			min	338.59	-114.51	.00	.00	.00	45.81
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-195.44	-5.23	23.95	.00	-82.09	2.09

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
75	LK11	.40	min	-195.44	-5.23	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-195.44	-5.23	.00	.00	.00	2.09
			min	-195.44	-5.23	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-195.44	-5.23	.00	.00	.00	2.09
			min	-195.44	-5.23	23.95	.00	-82.09	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	338.59	-114.51	.00	.00	.00	45.81
			min	-398.26	11.72	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.40	MAX	338.59	-114.51	.00	.00	.00	45.81
		.00	MIN	-398.69	11.72	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	-398.69	11.72	.00	.00	.00	.00
		.00	MIN	338.16	-114.51	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-195.87	-5.23	23.95	.00	-91.66	.00
		.00	MIN	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-195.87	-5.23	.00	.00	.00	.00
		.00	MIN	-195.87	-5.23	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.40	MAX	-195.44	-5.23	.00	.00	.00	2.09
		.00	MIN	-195.87	-5.23	23.95	.00	-91.66	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.40	MAX	338.59	-114.51	.00	.00	.00	45.81
		.40	MIN	-398.26	11.72	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
76	LK10	.00	max	229.33	.00	.22			
			min	-40.18	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	7.73	.00	.22			
			min	7.73	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.73	.00	.22			
			min	7.73	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	229.61	.00	-.22			
			min	-39.89	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	8.02	.00	-.22			
			min	8.02	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	8.02	.00	-.22			
			min	8.02	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	229.61	.00	-.22			
		.00	MIN	-40.18	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00	MAX	7.73	.00	.22			
		.00	MIN	7.73	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	7.73	.00	.22			
		1.68	MIN	8.02	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	174.30	.00	.22			
			min	-18.17	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	7.73	.00	.22			
			min	7.73	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.73	.00	.22			
			min	7.73	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	174.59	.00	-.22			
			min	-17.89	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	8.02	.00	-.22			
			min	8.02	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	8.02	.00	-.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
76	LK11	1.68	min	8.02	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	174.59	.00	-.22			
		.00	MIN	-18.17	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	7.73	.00	.22			
		.00	MIN	7.73	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	7.73	.00	.22			
		1.68	MIN	8.02	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
77	LK10	.00	max	42.81	.00	.22			
			min	-251.00	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-9.04	.00	.22			
			min	-9.04	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-9.04	.00	.22			
			min	-9.04	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	43.09	.00	-.22			
			min	-250.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-8.76	.00	-.22			
			min	-8.76	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-8.76	.00	-.22			
			min	-8.76	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	43.09	.00	-.22			
		.00	MIN	-251.00	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00	MAX	-9.04	.00	.22			
		.00	MIN	-9.04	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-9.04	.00	.22			
		1.68	MIN	-8.76	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	18.99	.00	.22			
			min	-190.43	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-9.04	.00	.22			
			min	-9.04	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-9.04	.00	.22			
			min	-9.04	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	19.27	.00	-.22			
			min	-190.15	.00	-.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-8.76	.00	-.22			
			min	-8.76	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-8.76	.00	-.22			
			min	-8.76	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	19.27	.00	-.22			
		.00	MIN	-190.43	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-9.04	.00	.22			
		.00	MIN	-9.04	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-9.04	.00	.22			
		1.68	MIN	-8.76	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
78	LK10	.00	max	176.78	.00	.22			
			min	-31.59	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	6.68	.00	.22			
			min	6.68	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.68	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
78	LK10	.00	min	6.68	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	177.06	.00	-.22			
			min	-31.30	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	6.96	.00	-.22			
			min	6.96	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.96	.00	-.22			
			min	6.96	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	177.06	.00	-.22			
			MIN	-31.59	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00 .00	MAX	6.68	.00	.22			
			MIN	6.68	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.68	MAX	6.68	.00	.22			
			MIN	6.96	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	141.65	.00	.22			
			min	-14.05	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.68	.00	.22			
			min	6.68	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.68	.00	.22			
			min	6.68	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	141.93	.00	-.22			
			min	-13.77	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.96	.00	-.22			
			min	6.96	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.96	.00	-.22			
			min	6.96	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	141.93	.00	-.22			
			MIN	-14.05	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	6.68	.00	.22			
			MIN	6.68	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.68	MAX	6.68	.00	.22			
			MIN	6.96	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
79	LK10	.00	max	29.21	.00	.22			
			min	-163.70	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-6.40	.00	.22			
			min	-6.40	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.40	.00	.22			
			min	-6.40	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	29.49	.00	-.22			
			min	-163.41	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-6.11	.00	-.22			
			min	-6.11	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.11	.00	-.22			
			min	-6.11	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	29.49	.00	-.22			
			MIN	-163.70	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-6.40	.00	.22			
			MIN	-6.40	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-6.40	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
79	LK10	1.68	MIN	-6.11	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	12.94	.00	.22			
			min	-131.98	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-6.40	.00	.22			
			min	-6.40	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.40	.00	.22			
			min	-6.40	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	13.22	.00	-.22			
			min	-131.69	.00	-.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-6.11	.00	-.22			
			min	-6.11	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.11	.00	-.22			
			min	-6.11	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	13.22	.00	-.22			
		.00	MIN	-131.98	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-6.40	.00	.22			
		.00	MIN	-6.40	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-6.40	.00	.22			
		1.68	MIN	-6.11	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
80	LK10	.00	max	172.00	.00	.22			
			min	-32.49	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	6.58	.00	.22			
			min	6.58	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.58	.00	.22			
			min	6.58	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	172.28	.00	-.22			
			min	-32.21	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	6.86	.00	-.22			
			min	6.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.86	.00	-.22			
			min	6.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	172.28	.00	-.22			
		.00	MIN	-32.49	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00	MAX	6.58	.00	.22			
		.00	MIN	6.58	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.58	.00	.22			
		1.68	MIN	6.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	143.93	.00	.22			
			min	-14.64	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.58	.00	.22			
			min	6.58	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.58	.00	.22			
			min	6.58	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	144.22	.00	-.22			
			min	-14.36	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.86	.00	-.22			
			min	6.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.86	.00	-.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
80	LK11	1.68	min	6.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	144.22	.00	-.22			
		.00	MIN	-14.64	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	6.58	.00	.22			
		.00	MIN	6.58	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.58	.00	.22			
		1.68	MIN	6.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
81	LK10	.00	max	32.86	.00	.22			
			min	-176.15	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-7.02	.00	.22			
			min	-7.02	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.02	.00	.22			
			min	-7.02	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	33.14	.00	-.22			
			min	-175.87	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-6.74	.00	-.22			
			min	-6.74	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.74	.00	-.22			
			min	-6.74	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	33.14	.00	-.22			
		.00	MIN	-176.15	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00	MAX	-7.02	.00	.22			
		.00	MIN	-7.02	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-7.02	.00	.22			
		1.68	MIN	-6.74	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	14.63	.00	.22			
			min	-147.22	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-7.02	.00	.22			
			min	-7.02	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.02	.00	.22			
			min	-7.02	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	14.91	.00	-.22			
			min	-146.93	.00	-.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-6.74	.00	-.22			
			min	-6.74	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.74	.00	-.22			
			min	-6.74	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	14.91	.00	-.22			
		.00	MIN	-147.22	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-7.02	.00	.22			
		.00	MIN	-7.02	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-7.02	.00	.22			
		1.68	MIN	-6.74	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
82	LK10	.00	max	164.29	.00	.22			
			min	-32.23	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	6.89	.00	.22			
			min	6.89	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.89	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
82	LK10	.00	min	6.89	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	164.57	.00	-.22			
			min	-31.94	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	7.17	.00	-.22			
			min	7.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.17	.00	-.22			
			min	7.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	164.57	.00	-.22			
			MIN	-32.23	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00 .00	MAX	6.89	.00	.22			
			MIN	6.89	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.68	MAX	6.89	.00	.22			
			MIN	7.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	144.80	.00	.22			
			min	-14.25	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.89	.00	.22			
			min	6.89	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.89	.00	.22			
			min	6.89	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	145.09	.00	-.22			
			min	-13.97	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	7.17	.00	-.22			
			min	7.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.17	.00	-.22			
			min	7.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	145.09	.00	-.22			
			MIN	-14.25	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	6.89	.00	.22			
			MIN	6.89	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.68	MAX	6.89	.00	.22			
			MIN	7.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
83	LK10	.00	max	31.10	.00	.22			
			min	-160.46	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-7.01	.00	.22			
			min	-7.01	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.01	.00	.22			
			min	-7.01	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	31.38	.00	-.22			
			min	-160.17	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-6.72	.00	-.22			
			min	-6.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.72	.00	-.22			
			min	-6.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	31.38	.00	-.22			
			MIN	-160.46	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-7.01	.00	.22			
			MIN	-7.01	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-7.01	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
83	LK10	1.68	MIN	-6.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	13.58	.00	.22			
			min	-141.42	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-7.01	.00	.22			
			min	-7.01	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.01	.00	.22			
			min	-7.01	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	13.86	.00	-.22			
			min	-141.14	.00	-.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-6.72	.00	-.22			
			min	-6.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.72	.00	-.22			
			min	-6.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	13.86	.00	-.22			
			MIN	-141.42	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-7.01	.00	.22			
			MIN	-7.01	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.68	MAX	-7.01	.00	.22			
			MIN	-6.72	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
84	LK10	.00	max	143.30	.00	.22			
			min	-32.78	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
			max	5.15	.00	.22			
			min	5.15	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.15	.00	.22			
			min	5.15	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	143.58	.00	-.22			
			min	-32.50	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
			max	5.44	.00	-.22			
			min	5.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.44	.00	-.22			
			min	5.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68 .00	MAX	143.58	.00	-.22			
			MIN	-32.78	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		.00 .00	MAX	5.15	.00	.22			
			MIN	5.15	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.68	MAX	5.15	.00	.22			
			MIN	5.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	131.75	.00	.22			
			min	-16.74	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	5.15	.00	.22			
			min	5.15	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.15	.00	.22			
			min	5.15	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	max	132.03	.00	-.22			
			min	-16.45	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	5.44	.00	-.22			
			min	5.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.44	.00	-.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
84	LK11	1.68	min	5.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.68	MAX	132.03	.00	-.22			
		.00	MIN	-16.74	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		.00	MAX	5.15	.00	.22			
		.00	MIN	5.15	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	5.15	.00	.22			
		1.68	MIN	5.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
86	LK10	.00	max	153.81	.00	-86.86	.00	-2.98	.00
			min	-837.19	.00	-8.48	.00	.27	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
			max	-88.41	.00	-4.56	.00	-.25	.00
			min	-88.41	-.83	-4.56	.00	-.25	-3.59
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-683.44	.00	28.05	.00	1.15	.00
			min	.06	.00	-123.40	.00	-3.87	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-88.41	.00	-4.56	.00	-.25	.00
			min	-88.41	.00	-4.56	.00	-.25	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-683.44	.00	28.05	.00	1.15	.00
			min	.06	.00	-123.40	.00	-3.87	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-88.41	.00	-4.56	.00	-.25	.00
			min	-88.41	-.83	-4.56	.00	-.25	-3.59
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.60	max	153.81	.00	-86.86	.00	-55.10	.00
			min	-837.19	.00	-8.48	.00	-4.82	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
			max	-88.41	.00	-4.56	.00	-2.98	.00
			min	-88.41	-.83	-4.56	.00	-2.98	-3.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-683.44	.00	28.05	.00	17.98	.00
			min	.06	.00	-123.40	.00	-77.90	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-88.41	.00	-4.56	.00	-2.98	.00
			min	-88.41	.00	-4.56	.00	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-683.44	.00	28.05	.00	17.98	.00
			min	.06	.00	-123.40	.00	-77.90	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-88.41	.00	-4.56	.00	-2.98	.00
			min	-88.41	-.83	-4.56	.00	-2.98	-3.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	153.81	.00	-86.86	.00	-2.98	.00
		.00	MIN	-837.19	.00	-8.48	.00	.27	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
		.00	MAX	-88.41	.00	-4.56	.00	-.25	.00
		.00	MIN	-88.41	-.83	-4.56	.00	-.25	-3.59
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-683.44	.00	28.05	.00	1.15	.00
		.00	MIN	.06	.00	-123.40	.00	-3.87	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00	MAX	-88.41	.00	-4.56	.00	-.25	.00
		.00	MIN	-88.41	.00	-4.56	.00	-.25	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.60	MAX	-683.44	.00	28.05	.00	17.98	.00
		.60	MIN	.06	.00	-123.40	.00	-77.90	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00	MAX	-88.41	.00	-4.56	.00	-.25	.00
		.00	MIN	-88.41	-.83	-4.56	.00	-.25	-3.59
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	67.11	.00	-113.43	.00	-3.60	.00
			min	-863.16	.00	14.25	.00	.99	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-88.41	.00	-4.56	.00	-.25	.00
			min	-88.41	-.92	-4.56	.00	-.25	-3.99
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-863.16	.00	14.25	.00	.99	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
86	LK11	.00	min	67.11	.00	-113.43	.00	-3.60	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-88.41	.00	-4.56	.00	-.25	.00
			min	-88.41	.00	-4.56	.00	-.25	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-863.16	.00	14.25	.00	.99	.00
			min	67.11	.00	-113.43	.00	-3.60	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-88.41	.00	-4.56	.00	-.25	.00
			min	-88.41	-.92	-4.56	.00	-.25	-3.99
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.60	max	67.11	.00	-113.43	.00	-71.66	.00
			min	-863.16	.00	14.25	.00	9.54	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-88.41	.00	-4.56	.00	-2.98	.00
			min	-88.41	-.92	-4.56	.00	-2.98	-3.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-863.16	.00	14.25	.00	9.54	.00
			min	67.11	.00	-113.43	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-88.41	.00	-4.56	.00	-2.98	.00
			min	-88.41	.00	-4.56	.00	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-863.16	.00	14.25	.00	9.54	.00
			min	67.11	.00	-113.43	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-88.41	.00	-4.56	.00	-2.98	.00
			min	-88.41	-.92	-4.56	.00	-2.98	-3.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	67.11	.00	-113.43	.00	-3.60	.00
			MIN	-863.16	.00	14.25	.00	.99	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-88.41	.00	-4.56	.00	-.25	.00
			MIN	-88.41	-.92	-4.56	.00	-.25	-3.99
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-863.16	.00	14.25	.00	.99	.00
			MIN	67.11	.00	-113.43	.00	-3.60	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-88.41	.00	-4.56	.00	-.25	.00
			MIN	-88.41	.00	-4.56	.00	-.25	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.60 .60	MAX	-863.16	.00	14.25	.00	9.54	.00
			MIN	67.11	.00	-113.43	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-88.41	.00	-4.56	.00	-.25	.00
			MIN	-88.41	-.92	-4.56	.00	-.25	-3.99
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
87	LK10	.00	max	9.23	.00	430.26	.00	12.78	.00
			min	-.42	.00	310.15	.00	-.50	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	1.16	3.07	181.76	-28.30	1.58	.00
			min	1.16	.00	181.76	.00	1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.19	.00	546.30	.00	9.03	.00
			min	1.06	.00	111.71	.00	2.17	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6						
			max	1.16	.00	181.76	.00	1.58	.00
			min	1.16	3.07	181.76	-28.30	1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	9.23	.00	430.26	.00	12.78	.00
			min	-.42	.00	310.15	.00	-.50	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	1.16	.00	181.76	.00	1.58	.00
			min	1.16	.00	181.76	.00	1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.30	max	9.23	.00	430.26	.00	141.86	.00
			min	-.42	.00	310.15	.00	92.55	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	1.16	3.07	181.76	-28.30	56.11	-.92
			min	1.16	.00	181.76	.00	56.11	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.19	.00	546.30	.00	172.92	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
87	LK10	.30	min	1.06	.00	111.71	.00	35.69	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6						
			max	1.16	.00	181.76	.00	56.11	.00
			min	1.16	3.07	181.76	-28.30	56.11	-.92
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	8.21	.00	542.73	.00	173.62	.00
			min	1.06	.00	111.71	.00	35.69	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6						
			max	1.16	.00	181.76	.00	56.11	.00
			min	1.16	3.07	181.76	-28.30	56.11	-.92
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	9.23	.00	430.26	.00	12.78	.00
		.00	MIN	-.42	.00	310.15	.00	-.50	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00	MAX	1.16	3.07	181.76	-28.30	1.58	.00
		.00	MIN	1.16	.00	181.76	.00	1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	6.19	.00	546.30	.00	9.03	.00
		.00	MIN	1.06	.00	111.71	.00	2.17	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6						
		.00	MAX	1.16	.00	181.76	.00	1.58	.00
		.00	MIN	1.16	3.07	181.76	-28.30	1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.30	MAX	8.21	.00	542.73	.00	173.62	.00
		.00	MIN	-.42	.00	310.15	.00	-.50	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.30	MAX	1.16	.00	181.76	.00	56.11	.00
		.30	MIN	1.16	3.07	181.76	-28.30	56.11	-.92
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	7.91	.00	341.44	.00	11.35	.00
			min	.41	.00	253.16	.00	.69	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	1.16	3.41	181.76	-31.45	1.58	.00
			min	1.16	.00	181.76	.00	1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.91	.00	341.44	.00	11.35	.00
			min	.89	.00	135.52	.00	1.21	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF6						
			max	1.16	.00	181.76	.00	1.58	.00
			min	1.16	3.41	181.76	-31.45	1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.91	.00	341.44	.00	11.35	.00
			min	.41	.00	253.16	.00	.69	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	1.16	.00	181.76	.00	1.58	.00
			min	1.16	.00	181.76	.00	1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.30	max	7.91	.00	341.44	.00	113.78	.00
			min	.41	.00	253.16	.00	76.63	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	1.16	3.41	181.76	-31.45	56.11	-1.02
			min	1.16	.00	181.76	.00	56.11	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.91	.00	341.44	.00	113.78	.00
			min	.89	.00	135.52	.00	41.86	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF6						
			max	1.16	.00	181.76	.00	56.11	.00
			min	1.16	3.41	181.76	-31.45	56.11	-1.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.91	.00	341.44	.00	113.78	.00
			min	.89	.00	135.52	.00	41.86	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF6						
			max	1.16	.00	181.76	.00	56.11	.00
			min	1.16	3.41	181.76	-31.45	56.11	-1.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	7.91	.00	341.44	.00	11.35	.00
		.00	MIN	.41	.00	253.16	.00	.69	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	1.16	3.41	181.76	-31.45	1.58	.00
		.00	MIN	1.16	.00	181.76	.00	1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	7.91	.00	341.44	.00	11.35	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
87	LK11	.00	MIN	.89	.00	135.52	.00	1.21	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	1.16	.00	181.76	.00	1.58	.00
		.00	MIN	1.16	3.41	181.76	-31.45	1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.30	MAX	7.91	.00	341.44	.00	113.78	.00
		.00	MIN	.41	.00	253.16	.00	.69	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
		.30	MAX	1.16	.00	181.76	.00	56.11	.00
		.30	MIN	1.16	3.41	181.76	-31.45	56.11	-1.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
88	LK10	.00	max	28.05	.00	-95.51	.00	17.98	.00
			min	-123.40	.00	-.06	.00	-77.90	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-4.56	.00	88.41	.00	-2.98	.00
			min	-4.56	-.83	88.41	-3.09	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-25.41	.00	139.91	.00	-16.09	.00
			min	-71.27	.00	-238.96	.00	-45.35	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-4.56	.00	88.41	.00	-2.98	.00
			min	-4.56	-.83	88.41	-3.09	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	28.05	.00	-95.51	.00	17.98	.00
			min	-123.40	.00	-.06	.00	-77.90	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-4.56	.00	88.41	.00	-2.98	.00
			min	-4.56	.00	88.41	.00	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.11	max	28.05	.00	-95.51	.00	-88.23	.00
			min	-123.40	.00	-.06	.00	-77.97	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-4.56	.00	88.41	.00	95.33	.00
			min	-4.56	-.83	88.41	-3.09	95.33	.92
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-25.41	.00	139.91	.00	139.49	.00
			min	-71.27	.00	-238.96	.00	-311.07	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-4.56	.00	88.41	.00	95.33	.00
			min	-4.56	-.83	88.41	-3.09	95.33	.92
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-25.41	.00	139.91	.00	139.49	.00
			min	-71.27	.00	-238.96	.00	-311.07	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-4.56	-.83	88.41	-3.09	95.33	.92
			min	-4.56	.00	88.41	.00	95.33	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	28.05	.00	-95.51	.00	17.98	.00
		.00	MIN	-123.40	.00	-.06	.00	-77.90	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00	MAX	-4.56	.00	88.41	.00	-2.98	.00
		.00	MIN	-4.56	-.83	88.41	-3.09	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-25.41	.00	139.91	.00	-16.09	.00
		.00	MIN	-71.27	.00	-238.96	.00	-45.35	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
		.00	MAX	-4.56	.00	88.41	.00	-2.98	.00
		.00	MIN	-4.56	-.83	88.41	-3.09	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.11	MAX	-25.41	.00	139.91	.00	139.49	.00
		1.11	MIN	-71.27	.00	-238.96	.00	-311.07	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
		1.11	MAX	-4.56	-.83	88.41	-3.09	95.33	.92
		1.11	MIN	-4.56	.00	88.41	.00	95.33	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	14.25	.00	-2.34	.00	9.54	.00
			min	-113.43	.00	-67.11	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-4.56	.00	88.41	.00	-2.98	.00
			min	-4.56	-.92	88.41	-3.44	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-26.66	.00	120.76	.00	-16.84	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
88	LK11	.00	min	-113.43	.00	-67.11	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-4.56	.00	88.41	.00	-2.98	.00
			min	-4.56	-.92	88.41	-3.44	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	14.25	.00	-2.34	.00	9.54	.00
			min	-113.43	.00	-67.11	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-4.56	.00	88.41	.00	-2.98	.00
			min	-4.56	.00	88.41	.00	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.11	max	14.25	.00	-2.34	.00	6.94	.00
			min	-113.43	.00	-67.11	.00	-146.29	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-4.56	.00	88.41	.00	95.33	.00
			min	-4.56	-.92	88.41	-3.44	95.33	1.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-26.66	.00	120.76	.00	117.44	.00
			min	-113.43	.00	-67.11	.00	-146.29	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-4.56	.00	88.41	.00	95.33	.00
			min	-4.56	-.92	88.41	-3.44	95.33	1.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-5.62	.00	113.29	.00	122.29	.00
			min	-113.43	.00	-67.11	.00	-146.29	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-4.56	-.92	88.41	-3.44	95.33	1.02
			min	-4.56	.00	88.41	.00	95.33	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	14.25	.00	-2.34	.00	9.54	.00
		.00	MIN	-113.43	.00	-67.11	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-4.56	.00	88.41	.00	-2.98	.00
		.00	MIN	-4.56	-.92	88.41	-3.44	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-26.66	.00	120.76	.00	-16.84	.00
		.00	MIN	-113.43	.00	-67.11	.00	-71.66	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-4.56	.00	88.41	.00	-2.98	.00
		.00	MIN	-4.56	-.92	88.41	-3.44	-2.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.11	MAX	-5.62	.00	113.29	.00	122.29	.00
		1.11	MIN	-113.43	.00	-67.11	.00	-146.29	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		1.11	MAX	-4.56	-.92	88.41	-3.44	95.33	1.02
		1.11	MIN	-4.56	.00	88.41	.00	95.33	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
89	LK10	.00	max	-101.53	.00	-4.59	.00	31.47	.00
			min	-240.81	.00	-111.33	.00	-329.39	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-162.17	.00	-5.72	.00	39.22	.00
			min	-162.17	-3.90	-5.72	.00	39.22	25.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-103.16	.00	27.14	.00	-186.16	.00
			min	-239.80	.00	-131.06	.00	-194.03	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-162.17	.00	-5.72	.00	39.22	.00
			min	-162.17	-3.90	-5.72	.00	39.22	25.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-236.06	.00	-27.00	.00	75.33	.00
			min	-106.90	.00	-76.92	.00	-455.52	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-162.17	-3.90	-5.72	.00	39.22	25.21
			min	-162.17	.00	-5.72	.00	39.22	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	max	-94.05	.00	-4.59	.00	26.11	.00
			min	-233.33	.00	-105.87	.00	-456.45	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-154.69	.00	-5.72	.00	32.53	.00
			min	-154.69	-1.24	-5.72	.00	32.53	28.22
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-95.68	.00	27.14	.00	-154.41	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
89	LK10	1.17	min	-232.32	.00	-125.60	.00	-344.17	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-154.69	.00	-5.72	.00	32.53	.00
			min	-154.69	-1.24	-5.72	.00	32.53	28.22
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-228.58	.00	-21.54	.00	46.94	.00
			min	-99.42	.00	-76.92	.00	-545.52	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-154.69	-1.24	-5.72	.00	32.53	28.22
			min	-154.69	.00	-5.72	.00	32.53	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	MAX	-94.05	.00	-4.59	.00	26.11	.00
		.00	MIN	-240.81	.00	-111.33	.00	-329.39	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		.00	MAX	-162.17	.00	-5.72	.00	39.22	.00
		.00	MIN	-162.17	-3.90	-5.72	.00	39.22	25.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-103.16	.00	27.14	.00	-186.16	.00
		.00	MIN	-239.80	.00	-131.06	.00	-194.03	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00	MAX	-162.17	.00	-5.72	.00	39.22	.00
		.00	MIN	-162.17	-3.90	-5.72	.00	39.22	25.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-236.06	.00	-27.00	.00	75.33	.00
		1.17	MIN	-99.42	.00	-76.92	.00	-545.52	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
		1.17	MAX	-154.69	-1.24	-5.72	.00	32.53	28.22
		1.17	MIN	-154.69	.00	-5.72	.00	32.53	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	-94.79	.00	-4.46	.00	30.61	.00
			min	-243.52	.00	-7.11	.00	48.79	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-162.17	.00	-5.72	.00	39.22	.00
			min	-162.17	-4.33	-5.72	.00	39.22	28.01
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-163.08	.00	12.11	.00	-83.05	.00
			min	-166.33	.00	-121.34	.00	-260.07	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-162.17	.00	-5.72	.00	39.22	.00
			min	-162.17	-4.33	-5.72	.00	39.22	28.01
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-162.92	.00	-27.97	.00	69.78	.00
			min	-166.33	.00	-121.34	.00	-260.07	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-162.17	-4.33	-5.72	.00	39.22	28.01
			min	-162.17	.00	-5.72	.00	39.22	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	max	-87.31	.00	-4.46	.00	25.39	.00
			min	-236.04	.00	-7.11	.00	40.47	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-154.69	.00	-5.72	.00	32.53	.00
			min	-154.69	-1.38	-5.72	.00	32.53	31.35
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-155.60	.00	12.11	.00	-68.88	.00
			min	-158.84	.00	-121.34	.00	-402.04	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-154.69	.00	-5.72	.00	32.53	.00
			min	-154.69	-1.38	-5.72	.00	32.53	31.35
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-155.44	.00	-21.90	.00	40.60	.00
			min	-158.84	.00	-121.34	.00	-402.04	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-154.69	-1.38	-5.72	.00	32.53	31.35
			min	-154.69	.00	-5.72	.00	32.53	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	MAX	-87.31	.00	-4.46	.00	25.39	.00
		.00	MIN	-243.52	.00	-7.11	.00	48.79	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	-162.17	.00	-5.72	.00	39.22	.00
		.00	MIN	-162.17	-4.33	-5.72	.00	39.22	28.01
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-163.08	.00	12.11	.00	-83.05	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
89	LK11	.00	MIN	-166.33	.00	-121.34	.00	-260.07	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-162.17	.00	-5.72	.00	39.22	.00
		.00	MIN	-162.17	-4.33	-5.72	.00	39.22	28.01
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-162.92	.00	-27.97	.00	69.78	.00
		1.17	MIN	-158.84	.00	-121.34	.00	-402.04	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
		1.17	MAX	-154.69	-1.38	-5.72	.00	32.53	31.35
		1.17	MIN	-154.69	.00	-5.72	.00	32.53	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
90	LK10	.00	max	-11.63	.00	-4.59	.00	.00	.00
			min	-137.96	.00	93.51	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	-11.66	-5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-17.06	.00	95.90	.00	.00	.00
			min	-132.53	.00	-6.97	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	-11.66	-5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	.00	-5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	-11.66	-5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	-14.57	.00	-4.59	.00	-2.11	.00
			min	-140.90	.00	91.36	.00	42.51	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-75.21	.00	-5.72	.00	-2.63	.00
			min	-75.21	-10.62	-5.72	.00	-2.63	3.70
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-19.94	.00	95.88	.00	44.09	.00
			min	-135.47	.00	-6.97	.00	-3.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-75.21	.00	-5.72	.00	-2.63	.00
			min	-75.21	-10.62	-5.72	.00	-2.63	3.70
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-19.94	.00	95.88	.00	44.09	.00
			min	-135.47	.00	-6.97	.00	-3.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-75.21	-10.62	-5.72	.00	-2.63	3.70
			min	-75.21	.00	-5.72	.00	-2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-11.63	.00	-4.59	.00	.00	.00
		.46	MIN	-140.90	.00	91.36	.00	42.51	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		.00	MAX	-72.27	.00	-5.72	.00	.00	.00
		.00	MIN	-72.27	-11.66	-5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-17.06	.00	95.90	.00	.00	.00
		.00	MIN	-132.53	.00	-6.97	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	-72.27	.00	-5.72	.00	.00	.00
		.00	MIN	-72.27	-11.66	-5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	MAX	-19.94	.00	95.88	.00	44.09	.00
		.46	MIN	-135.47	.00	-6.97	.00	-3.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.46	MAX	-75.21	-10.62	-5.72	.00	-2.63	3.70
		.00	MIN	-72.27	-11.66	-5.72	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-4.89	.00	-4.46	.00	.00	.00
			min	-139.22	.00	-7.11	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	-12.96	-5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-76.43	.00	70.66	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
90	LK11	.00	min	-139.22	.00	-7.11	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	-12.96	-5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	.00	-5.72	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-72.27	.00	-5.72	.00	.00	.00
			min	-72.27	-12.96	-5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	-7.84	.00	-4.46	.00	-2.05	.00
			min	-142.17	.00	-7.11	.00	-3.27	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-75.21	.00	-5.72	.00	-2.63	.00
			min	-75.21	-11.80	-5.72	.00	-2.63	4.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-79.37	.00	70.66	.00	32.49	.00
			min	-142.17	.00	-7.11	.00	-3.27	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-75.21	.00	-5.72	.00	-2.63	.00
			min	-75.21	-11.80	-5.72	.00	-2.63	4.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-79.37	.00	70.66	.00	32.49	.00
			min	-142.17	.00	-7.11	.00	-3.27	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-75.21	-11.80	-5.72	.00	-2.63	4.11
			min	-75.21	.00	-5.72	.00	-2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .46	MAX	-4.89	.00	-4.46	.00	.00	.00
			MIN	-142.17	.00	-7.11	.00	-3.27	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	-72.27	.00	-5.72	.00	.00	.00
			MIN	-72.27	-12.96	-5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-76.43	.00	70.66	.00	.00	.00
			MIN	-139.22	.00	-7.11	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	-72.27	.00	-5.72	.00	.00	.00
			MIN	-72.27	-12.96	-5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46 .46	MAX	-79.37	.00	70.66	.00	32.49	.00
			MIN	-142.17	.00	-7.11	.00	-3.27	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF5						
		.46 .00	MAX	-75.21	-11.80	-5.72	.00	-2.63	4.11
			MIN	-72.27	-12.96	-5.72	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
91	LK10	.00	max	109.25	1.05	.00	.00	.00	.00
			min	-1500.30	-8.14	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-535.38	1.39	.00	.00	.00	.00
			min	-895.34	-9.22	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-133.78	-.48	.83	.00	-10.67	.00
			min	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-133.78	-.48	.00	.00	.00	.00
			min	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-133.78	-.48	.00	.00	.00	.00
			min	-133.78	-.48	.83	.00	-10.67	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-133.78	-.48	.00	.00	.00	.00
			min	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.31	max	110.65	1.05	.00	.00	.00	-1.37
			min	-1498.90	-8.14	.00	.00	.00	10.63
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-533.98	1.39	.00	.00	.00	-1.82
			min	-893.93	-9.22	.00	.00	.00	12.05
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-132.37	-.48	.83	.00	-9.59	.63

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
91	LK10	1.31	min	-132.37	-.48	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-132.37	-.48	.00	.00	.00	.63
			min	-132.37	-.48	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-132.37	-.48	.00	.00	.00	.63
			min	-132.37	-.48	.83	.00	-9.59	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-893.93	-9.22	.00	.00	.00	12.05
			min	-533.98	1.39	.00	.00	.00	-1.82
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		1.31 .00	MAX	110.65	1.05	.00	.00	.00	-1.37
			MIN	-1500.30	-8.14	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.00 .00	MAX	-535.38	1.39	.00	.00	.00	.00
			MIN	-895.34	-9.22	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-133.78	-.48	.83	.00	-10.67	.00
			MIN	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-133.78	-.48	.00	.00	.00	.00
			MIN	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.31 .00	MAX	-132.37	-.48	.00	.00	.00	.63
			MIN	-133.78	-.48	.83	.00	-10.67	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.31 1.31	MAX	-893.93	-9.22	.00	.00	.00	12.05
			MIN	-533.98	1.39	.00	.00	.00	-1.82
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
	LK11	.00	max	17.17	.11	.00	.00	.00	.00
			min	-805.96	.73	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-805.96	.73	.00	.00	.00	.00
			min	-671.96	-6.83	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-133.78	-.48	.92	.00	-11.86	.00
			min	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-133.78	-.48	.00	.00	.00	.00
			min	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-133.78	-.48	.00	.00	.00	.00
			min	-133.78	-.48	.92	.00	-11.86	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-133.78	-.48	.00	.00	.00	.00
			min	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.31	max	18.57	.11	.00	.00	.00	-.14
			min	-804.56	.73	.00	.00	.00	-.95
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-804.56	.73	.00	.00	.00	-.95
			min	-670.56	-6.83	.00	.00	.00	8.92
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-132.37	-.48	.92	.00	-10.66	.63
			min	-132.37	-.48	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-132.37	-.48	.00	.00	.00	.63
			min	-132.37	-.48	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-132.37	-.48	.00	.00	.00	.63
			min	-132.37	-.48	.92	.00	-10.66	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-670.56	-6.83	.00	.00	.00	8.92
			min	-804.56	.73	.00	.00	.00	-.95
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.31 .00	MAX	18.57	.11	.00	.00	.00	-.14
			MIN	-805.96	.73	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-805.96	.73	.00	.00	.00	.00
			MIN	-671.96	-6.83	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-133.78	-.48	.92	.00	-11.86	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
91	LK11	.00	MIN	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-133.78	-.48	.00	.00	.00	.00
		.00	MIN	-133.78	-.48	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.31	MAX	-132.37	-.48	.00	.00	.00	.63
		.00	MIN	-133.78	-.48	.92	.00	-11.86	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.31	MAX	-670.56	-6.83	.00	.00	.00	8.92
		1.31	MIN	-804.56	.73	.00	.00	.00	-.95
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
92	LK10	.00	max	67.76	-1.32	.00	.00	.00	-1.37
			min	-1263.00	8.18	.00	.00	.00	10.63
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-634.01	8.78	.00	.00	.00	12.05
			min	62.61	-1.36	.00	.00	.00	-1.43
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	-122.79	.38	.83	.00	-9.59	.63
			min	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-122.79	.38	.00	.00	.00	.63
			min	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-122.79	.38	.00	.00	.00	.63
			min	-122.79	.38	.83	.00	-9.59	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-634.01	8.78	.00	.00	.00	12.05
			min	-576.08	-1.14	.00	.00	.00	-1.82
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		1.81	max	69.70	-1.32	.00	.00	.00	1.02
			min	-1261.06	8.18	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-632.06	8.78	.00	.00	.00	-3.86
			min	64.55	-1.36	.00	.00	.00	1.04
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	-120.84	.38	.83	.00	-8.09	-.05
			min	-120.84	.38	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-120.84	.38	.00	.00	.00	-.05
			min	-120.84	.38	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-120.84	.38	.00	.00	.00	-.05
			min	-120.84	.38	.83	.00	-8.09	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	64.55	-1.36	.00	.00	.00	1.04
			min	-1261.06	8.18	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		1.81	MAX	69.70	-1.32	.00	.00	.00	1.02
		.00	MIN	-1263.00	8.18	.00	.00	.00	10.63
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.00	MAX	-634.01	8.78	.00	.00	.00	12.05
		.00	MIN	62.61	-1.36	.00	.00	.00	-1.43
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00	MAX	-122.79	.38	.83	.00	-9.59	.63
		.00	MIN	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-122.79	.38	.00	.00	.00	.63
		.00	MIN	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-122.79	.38	.00	.00	.00	.63
		.00	MIN	-122.79	.38	.83	.00	-9.59	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-634.01	8.78	.00	.00	.00	12.05
		1.81	MIN	-1261.06	8.18	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
	LK11	.00	max	6.18	-.34	.00	.00	.00	-.14
			min	-821.67	-.29	.00	.00	.00	-.95
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-473.06	6.51	.00	.00	.00	8.92
			min	-112.01	-.53	.00	.00	.00	-.51
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-122.79	.38	.92	.00	-10.66	.63

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
92	LK11	.00	min	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-122.79	.38	.00	.00	.00	.63
			min	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-122.79	.38	.00	.00	.00	.63
			min	-122.79	.38	.92	.00	-10.66	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-473.06	6.51	.00	.00	.00	8.92
			min	-821.67	-.29	.00	.00	.00	-.95
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.81	max	8.13	-.34	.00	.00	.00	.47
			min	-819.72	-.29	.00	.00	.00	-.42
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-471.12	6.51	.00	.00	.00	-2.88
			min	-110.06	-.53	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-120.84	.38	.92	.00	-8.99	-.05
			min	-120.84	.38	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-120.84	.38	.00	.00	.00	-.05
			min	-120.84	.38	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-120.84	.38	.00	.00	.00	-.05
			min	-120.84	.38	.92	.00	-8.99	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	8.13	-.34	.00	.00	.00	.47
			min	-471.12	6.51	.00	.00	.00	-2.88
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		1.81 .00	MAX	8.13	-.34	.00	.00	.00	.47
			MIN	-821.67	-.29	.00	.00	.00	-.95
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-473.06	6.51	.00	.00	.00	8.92
			MIN	-112.01	-.53	.00	.00	.00	-.51
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-122.79	.38	.92	.00	-10.66	.63
			MIN	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-122.79	.38	.00	.00	.00	.63
			MIN	-122.79	.38	.00	.00	.00	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-122.79	.38	.00	.00	.00	.63
			MIN	-122.79	.38	.92	.00	-10.66	.63
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.81	MAX	-473.06	6.51	.00	.00	.00	8.92
			MIN	-471.12	6.51	.00	.00	.00	-2.88
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
93	LK10	.00	max	42.02	.16	.00	.00	.00	.58
			min	-1095.37	-2.28	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	32.25	.40	.00	.00	.00	1.04
			min	-447.67	-2.47	.00	.00	.00	-3.86
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-113.26	-.10	.83	.00	-8.09	-.05
			min	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-113.26	-.10	.00	.00	.00	-.05
			min	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.26	-.10	.00	.00	.00	-.05
			min	-113.26	-.10	.83	.00	-8.09	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	32.25	.40	.00	.00	.00	1.04
			min	-1095.37	-2.28	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		1.81	max	43.97	.16	.00	.00	.00	.28
			min	-1093.42	-2.28	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	34.20	.40	.00	.00	.00	.31
			min	-445.72	-2.47	.00	.00	.00	.62
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-111.31	-.10	.83	.00	-6.59	.13

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
93	LK10	1.81	min	-111.31	-.10	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-111.31	-.10	.00	.00	.00	.13
			min	-111.31	-.10	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-111.31	-.10	.00	.00	.00	.13
			min	-111.31	-.10	.83	.00	-6.59	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-196.98	-1.25	.00	.00	.00	.72
			min	-736.51	.11	.00	.00	.00	-.57
			LF'e in Max: LF1 LF2 LF4 LF5 LF11 LF14 LF15 LF'e in Min: LF1 LF2 LF6 LF12						
		1.81 .00	MAX	43.97	.16	.00	.00	.00	.28
			MIN	-1095.37	-2.28	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.00 .00	MAX	32.25	.40	.00	.00	.00	1.04
			MIN	-447.67	-2.47	.00	.00	.00	-3.86
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-113.26	-.10	.83	.00	-8.09	-.05
			MIN	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-113.26	-.10	.00	.00	.00	-.05
			MIN	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-113.26	-.10	.00	.00	.00	-.05
			MIN	-113.26	-.10	.83	.00	-8.09	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	32.25	.40	.00	.00	.00	1.04
			MIN	-1095.37	-2.28	.00	.00	.00	-4.19
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
	LK11	.00	max	-.45	.11	.00	.00	.00	.47
			min	-832.92	.11	.00	.00	.00	-.42
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-124.12	.17	.00	.00	.00	.46
			min	-322.82	-1.87	.00	.00	.00	-2.88
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-113.26	-.10	.92	.00	-8.99	-.05
			min	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-113.26	-.10	.00	.00	.00	-.05
			min	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.26	-.10	.00	.00	.00	-.05
			min	-113.26	-.10	.92	.00	-8.99	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-.45	.11	.00	.00	.00	.47
			min	-322.82	-1.87	.00	.00	.00	-2.88
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		1.81	max	1.50	.11	.00	.00	.00	.28
			min	-830.98	.11	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-122.17	.17	.00	.00	.00	.16
			min	-320.88	-1.87	.00	.00	.00	.52
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-111.31	-.10	.92	.00	-7.32	.13
			min	-111.31	-.10	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-111.31	-.10	.00	.00	.00	.13
			min	-111.31	-.10	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-111.31	-.10	.00	.00	.00	.13
			min	-111.31	-.10	.92	.00	-7.32	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-320.88	-1.87	.00	.00	.00	.52
			min	-830.98	.11	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.81 .00	MAX	1.50	.11	.00	.00	.00	.28
			MIN	-832.92	.11	.00	.00	.00	-.42
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-124.12	.17	.00	.00	.00	.46
			MIN	-322.82	-1.87	.00	.00	.00	-2.88
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-113.26	-.10	.92	.00	-8.99	-.05

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
93	LK11	.00	MIN	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-113.26	-.10	.00	.00	.00	-.05
		.00	MIN	-113.26	-.10	.00	.00	.00	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-113.26	-.10	.00	.00	.00	-.05
		.00	MIN	-113.26	-.10	.92	.00	-8.99	-.05
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.81	MAX	-320.88	-1.87	.00	.00	.00	.52
		.00	MIN	-322.82	-1.87	.00	.00	.00	-2.88
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
94	LK10	.00	max	30.05	-.06	.00	.00	.00	.28
			min	-925.01	.74	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-257.26	.84	.00	.00	.00	.62
			min	-637.70	-.15	.00	.00	.00	-.39
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
			max	-103.44	.04	.83	.00	-6.59	.13
			min	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-103.44	.04	.00	.00	.00	.13
			min	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-103.44	.04	.00	.00	.00	.13
			min	-103.44	.04	.83	.00	-6.59	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-92.71	.46	.00	.00	.00	.72
			min	-750.14	-.06	.00	.00	.00	-.57
			LF'e in Max: LF1 LF2 LF4 LF5 LF11 LF14 LF15 LF'e in Min: LF1 LF2 LF6 LF12						
		1.81	max	31.99	-.06	.00	.00	.00	.39
			min	-923.06	.74	.00	.00	.00	-1.40
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-255.31	.84	.00	.00	.00	-.89
			min	-635.76	-.15	.00	.00	.00	-.11
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
			max	-101.49	.04	.83	.00	-5.09	.06
			min	-101.49	.04	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-101.49	.04	.00	.00	.00	.06
			min	-101.49	.04	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-101.49	.04	.00	.00	.00	.06
			min	-101.49	.04	.83	.00	-5.09	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-44.31	-.14	.00	.00	.00	.62
			min	-877.36	.73	.00	.00	.00	-1.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
		1.81	MAX	31.99	-.06	.00	.00	.00	.39
		.00	MIN	-925.01	.74	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.00	MAX	-257.26	.84	.00	.00	.00	.62
		.00	MIN	-637.70	-.15	.00	.00	.00	-.39
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		.00	MAX	-103.44	.04	.83	.00	-6.59	.13
		.00	MIN	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-103.44	.04	.00	.00	.00	.13
		.00	MIN	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-103.44	.04	.00	.00	.00	.13
		.00	MIN	-103.44	.04	.83	.00	-6.59	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-92.71	.46	.00	.00	.00	.72
		1.81	MIN	-877.36	.73	.00	.00	.00	-1.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF11 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
	LK11	.00	max	-7.92	-.04	.00	.00	.00	.28
			min	-845.39	-.07	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-163.18	.69	.00	.00	.00	.52
			min	-845.39	-.07	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-103.44	.04	.92	.00	-7.32	.13

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
94	LK11	.00	min	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-103.44	.04	.00	.00	.00	.13
			min	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-103.44	.04	.00	.00	.00	.13
			min	-103.44	.04	.92	.00	-7.32	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-163.18	.69	.00	.00	.00	.52
			min	-845.39	-.07	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.81	max	-5.97	-.04	.00	.00	.00	.35
			min	-843.44	-.07	.00	.00	.00	-.50
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-161.24	.69	.00	.00	.00	-.73
			min	-843.44	-.07	.00	.00	.00	-.50
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-101.49	.04	.92	.00	-5.66	.06
			min	-101.49	.04	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-101.49	.04	.00	.00	.00	.06
			min	-101.49	.04	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-101.49	.04	.00	.00	.00	.06
			min	-101.49	.04	.92	.00	-5.66	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-5.97	-.04	.00	.00	.00	.35
			min	-161.24	.69	.00	.00	.00	-.73
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		1.81 .00	MAX	-5.97	-.04	.00	.00	.00	.35
			MIN	-845.39	-.07	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-163.18	.69	.00	.00	.00	.52
			MIN	-845.39	-.07	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-103.44	.04	.92	.00	-7.32	.13
			MIN	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-103.44	.04	.00	.00	.00	.13
			MIN	-103.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-103.44	.04	.00	.00	.00	.13
			MIN	-103.44	.04	.92	.00	-7.32	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.81	MAX	-163.18	.69	.00	.00	.00	.52
			MIN	-161.24	.69	.00	.00	.00	-.73
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
95	LK10	.00	max	97.10	-1.83	.00	.00	.00	-.33
			min	-844.68	-.23	.00	.00	.00	-.68
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
			max	-668.03	.57	.00	.00	.00	-.11
			min	-79.55	-2.63	.00	.00	.00	-.89
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-93.47	-.10	.83	.00	-5.09	.06
			min	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-93.47	-.10	.00	.00	.00	.06
			min	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-93.47	-.10	.00	.00	.00	.06
			min	-93.47	-.10	.83	.00	-5.09	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-74.82	.52	.00	.00	.00	.62
			min	-723.63	-2.25	.00	.00	.00	-1.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
		1.81	max	99.04	-1.83	.00	.00	.00	2.98
			min	-842.74	-.23	.00	.00	.00	-.27
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
			max	-666.09	.57	.00	.00	.00	-1.15
			min	-77.61	-2.63	.00	.00	.00	3.87
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-91.53	-.10	.83	.00	-3.59	.25

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
95	LK10	1.81	min	-91.53	-.10	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-91.53	-.10	.00	.00	.00	.25
			min	-91.53	-.10	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-91.53	-.10	.00	.00	.00	.25
			min	-91.53	-.10	.83	.00	-3.59	.25
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-77.61	-2.63	.00	.00	.00	3.87
			min	-666.09	.57	.00	.00	.00	-1.15
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		1.81 .00	MAX	99.04	-1.83	.00	.00	.00	2.98
			MIN	-844.68	-.23	.00	.00	.00	-.68
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
		.00 .00	MAX	-668.03	.57	.00	.00	.00	-.11
			MIN	-79.55	-2.63	.00	.00	.00	-.89
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-93.47	-.10	.83	.00	-5.09	.06
			MIN	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-93.47	-.10	.00	.00	.00	.06
			MIN	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-93.47	-.10	.00	.00	.00	.06
			MIN	-93.47	-.10	.83	.00	-5.09	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.81 .00	MAX	-77.61	-2.63	.00	.00	.00	3.87
			MIN	-723.63	-2.25	.00	.00	.00	-1.43
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
	LK11	.00	max	-6.26	-2.39	.00	.00	.00	-.73
			min	-856.41	.27	.00	.00	.00	-.50
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-856.41	.27	.00	.00	.00	-.50
			min	-6.26	-2.39	.00	.00	.00	-.73
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-93.47	-.10	.92	.00	-5.66	.06
			min	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-93.47	-.10	.00	.00	.00	.06
			min	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-93.47	-.10	.00	.00	.00	.06
			min	-93.47	-.10	.92	.00	-5.66	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-14.88	.17	.00	.00	.00	.35
			min	-6.26	-2.39	.00	.00	.00	-.73
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		1.81	max	-4.32	-2.39	.00	.00	.00	3.60
			min	-854.46	.27	.00	.00	.00	-.99
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-854.46	.27	.00	.00	.00	-.99
			min	-4.32	-2.39	.00	.00	.00	3.60
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-91.53	-.10	.92	.00	-3.99	.25
			min	-91.53	-.10	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-91.53	-.10	.00	.00	.00	.25
			min	-91.53	-.10	.00	.00	.00	.25
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-91.53	-.10	.00	.00	.00	.25
			min	-91.53	-.10	.92	.00	-3.99	.25
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-4.32	-2.39	.00	.00	.00	3.60
			min	-854.46	.27	.00	.00	.00	-.99
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.81 .00	MAX	-4.32	-2.39	.00	.00	.00	3.60
			MIN	-856.41	.27	.00	.00	.00	-.50
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-856.41	.27	.00	.00	.00	-.50
			MIN	-6.26	-2.39	.00	.00	.00	-.73
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-93.47	-.10	.92	.00	-5.66	.06

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
95	LK11	.00	MIN	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-93.47	-.10	.00	.00	.00	.06
		.00	MIN	-93.47	-.10	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-93.47	-.10	.00	.00	.00	.06
		.00	MIN	-93.47	-.10	.92	.00	-5.66	.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.81	MAX	-4.32	-2.39	.00	.00	.00	3.60
		1.81	MIN	-854.46	.27	.00	.00	.00	-.99
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
96	LK10	.00	max	444.98	39.79	.00	.00	.00	60.23
			min	-579.78	-7.07	.00	.00	.00	-9.54
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	364.82	40.38	.00	.00	.00	61.10
			min	-499.62	-7.65	.00	.00	.00	-10.42
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	-199.44	1.40	21.55	.00	-73.88	2.09
			min	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-199.44	1.40	.00	.00	.00	2.09
			min	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-199.44	1.40	.00	.00	.00	2.09
			min	-199.44	1.40	21.55	.00	-73.88	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	364.82	40.38	.00	.00	.00	61.10
			min	-499.62	-7.65	.00	.00	.00	-10.42
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		1.81	max	454.46	46.67	.00	.00	.00	-18.10
			min	-570.30	-7.07	.00	.00	.00	3.26
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	374.30	47.25	.00	.00	.00	-18.29
			min	-490.14	-7.65	.00	.00	.00	3.44
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
			max	-189.95	1.40	17.44	.00	-38.55	-.44
			min	-189.95	1.40	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-189.95	1.40	.00	.00	.00	-.44
			min	-189.95	1.40	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-189.95	1.40	.00	.00	.00	-.44
			min	-189.95	1.40	17.44	.00	-38.55	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-490.14	-7.65	.00	.00	.00	3.44
			min	374.30	47.25	.00	.00	.00	-18.29
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		1.81	MAX	454.46	46.67	.00	.00	.00	-18.10
		.00	MIN	-579.78	-7.07	.00	.00	.00	-9.54
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
		1.81	MAX	374.30	47.25	.00	.00	.00	-18.29
		.00	MIN	-499.62	-7.65	.00	.00	.00	-10.42
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.00	MAX	-199.44	1.40	21.55	.00	-73.88	2.09
		.00	MIN	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-199.44	1.40	.00	.00	.00	2.09
		.00	MIN	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-199.44	1.40	.00	.00	.00	2.09
		.00	MIN	-199.44	1.40	21.55	.00	-73.88	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	364.82	40.38	.00	.00	.00	61.10
		1.81	MIN	374.30	47.25	.00	.00	.00	-18.29
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
	LK11	.00	max	244.64	32.31	.00	.00	.00	45.81
			min	-388.26	-3.46	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	244.64	32.31	.00	.00	.00	45.81
			min	-388.26	-3.46	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-199.44	1.40	23.95	.00	-82.09	2.09

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
96	LK11	.00	min	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-199.44	1.40	.00	.00	.00	2.09
			min	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-199.44	1.40	.00	.00	.00	2.09
			min	-199.44	1.40	23.95	.00	-82.09	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	244.64	32.31	.00	.00	.00	45.81
			min	-388.26	-3.46	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		1.81	max	254.12	32.31	.00	.00	.00	-12.73
			min	-378.78	-3.46	.00	.00	.00	1.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	254.12	32.31	.00	.00	.00	-12.73
			min	-378.78	-3.46	.00	.00	.00	1.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-189.95	1.40	19.38	.00	-42.83	-.44
			min	-189.95	1.40	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-189.95	1.40	.00	.00	.00	-.44
			min	-189.95	1.40	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-189.95	1.40	.00	.00	.00	-.44
			min	-189.95	1.40	19.38	.00	-42.83	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-378.78	-3.46	.00	.00	.00	1.58
			min	254.12	32.31	.00	.00	.00	-12.73
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.81 .00	MAX	254.12	32.31	.00	.00	.00	-12.73
			MIN	-388.26	-3.46	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	244.64	32.31	.00	.00	.00	45.81
			MIN	-388.26	-3.46	.00	.00	.00	-4.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-199.44	1.40	23.95	.00	-82.09	2.09
			MIN	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-199.44	1.40	.00	.00	.00	2.09
			MIN	-199.44	1.40	.00	.00	.00	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-199.44	1.40	.00	.00	.00	2.09
			MIN	-199.44	1.40	23.95	.00	-82.09	2.09
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.81	MAX	244.64	32.31	.00	.00	.00	45.81
			MIN	254.12	32.31	.00	.00	.00	-12.73
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
97	LK10	.00	max	227.50	-14.83	.00	.00	.00	-18.10
			min	-533.14	1.88	.00	.00	.00	3.26
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-449.44	2.03	.00	.00	.00	3.44
			min	143.81	-14.98	.00	.00	.00	-18.29
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-197.92	-.35	17.44	.00	-38.55	-.44
			min	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-197.92	-.35	.00	.00	.00	-.44
			min	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-197.92	-.35	.00	.00	.00	-.44
			min	-197.92	-.35	17.44	.00	-38.55	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-449.44	2.03	.00	.00	.00	3.44
			min	143.81	-14.98	.00	.00	.00	-18.29
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		1.81	max	236.99	-7.96	.00	.00	.00	2.54
			min	-523.65	1.88	.00	.00	.00	-.15
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-439.96	2.03	.00	.00	.00	-.24
			min	153.29	-8.11	.00	.00	.00	2.63
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
			max	-188.44	-.35	13.33	.00	-10.66	.21

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
97	LK10	1.81	min	-188.44	-.35	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-188.44	-.35	.00	.00	.00	.21
			min	-188.44	-.35	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-188.44	-.35	.00	.00	.00	.21
			min	-188.44	-.35	13.33	.00	-10.66	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	153.29	-8.11	.00	.00	.00	2.63
			min	-434.79	1.86	.00	.00	.00	-.92
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		1.81 .00	MAX	236.99	-7.96	.00	.00	.00	2.54
			MIN	-533.14	1.88	.00	.00	.00	3.26
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
		.00 .00	MAX	-449.44	2.03	.00	.00	.00	3.44
			MIN	143.81	-14.98	.00	.00	.00	-18.29
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		.00 .00	MAX	-197.92	-.35	17.44	.00	-38.55	-.44
			MIN	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-197.92	-.35	.00	.00	.00	-.44
			MIN	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-197.92	-.35	.00	.00	.00	-.44
			MIN	-197.92	-.35	17.44	.00	-38.55	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-449.44	2.03	.00	.00	.00	3.44
			MIN	143.81	-14.98	.00	.00	.00	-18.29
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
	LK11	.00	max	75.31	-8.51	.00	.00	.00	-12.73
			min	-360.41	.93	.00	.00	.00	1.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-360.41	.93	.00	.00	.00	1.58
			min	75.31	-8.51	.00	.00	.00	-12.73
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-197.92	-.35	19.38	.00	-42.83	-.44
			min	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-197.92	-.35	.00	.00	.00	-.44
			min	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-197.92	-.35	.00	.00	.00	-.44
			min	-197.92	-.35	19.38	.00	-42.83	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-360.41	.93	.00	.00	.00	1.58
			min	75.31	-8.51	.00	.00	.00	-12.73
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.81	max	84.79	-8.51	.00	.00	.00	2.69
			min	-350.93	.93	.00	.00	.00	-.11
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-350.93	.93	.00	.00	.00	-.11
			min	84.79	-8.51	.00	.00	.00	2.69
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-188.44	-.35	14.82	.00	-11.85	.21
			min	-188.44	-.35	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-188.44	-.35	.00	.00	.00	.21
			min	-188.44	-.35	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-188.44	-.35	.00	.00	.00	.21
			min	-188.44	-.35	14.82	.00	-11.85	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	84.79	-8.51	.00	.00	.00	2.69
			min	-345.19	.74	.00	.00	.00	-.86
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.81 .00	MAX	84.79	-8.51	.00	.00	.00	2.69
			MIN	-360.41	.93	.00	.00	.00	1.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-360.41	.93	.00	.00	.00	1.58
			MIN	75.31	-8.51	.00	.00	.00	-12.73
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-197.92	-.35	19.38	.00	-42.83	-.44

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
97	LK11	.00	MIN	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-197.92	-.35	.00	.00	.00	-.44
		.00	MIN	-197.92	-.35	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-197.92	-.35	.00	.00	.00	-.44
		.00	MIN	-197.92	-.35	19.38	.00	-42.83	-.44
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.81	MAX	84.79	-8.51	.00	.00	.00	2.69
		.00	MIN	75.31	-8.51	.00	.00	.00	-12.73
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
98	LK10	.00	max	59.14	-.89	.00	.00	.00	2.54
			min	-492.73	-.48	.00	.00	.00	-.15
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-124.56	1.62	.00	.00	.00	2.49
			min	-210.08	-2.85	.00	.00	.00	-.68
			LF'e in Max: LF1 LF2 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
			max	-194.92	.04	13.33	.00	-10.66	.21
			min	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-194.92	.04	.00	.00	.00	.21
			min	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-194.92	.04	.00	.00	.00	.21
			min	-194.92	.04	13.33	.00	-10.66	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-27.47	-.88	.00	.00	.00	2.63
			min	-401.62	-.54	.00	.00	.00	-.92
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
		1.81	max	68.62	5.98	.00	.00	.00	-2.06
			min	-483.25	-.48	.00	.00	.00	.71
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-17.99	5.99	.00	.00	.00	-1.99
			min	-392.14	-.54	.00	.00	.00	.06
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14						
			max	-185.44	.04	9.23	.00	9.77	.13
			min	-185.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-185.44	.04	.00	.00	.00	.13
			min	-185.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-185.44	.04	9.23	.00	9.77	.13
			min	-185.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-483.25	-.48	.00	.00	.00	.71
			min	-53.42	5.65	.00	.00	.00	-2.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
		1.81	MAX	68.62	5.98	.00	.00	.00	-2.06
		.00	MIN	-492.73	-.48	.00	.00	.00	-.15
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
		1.81	MAX	-17.99	5.99	.00	.00	.00	-1.99
		.00	MIN	-210.08	-2.85	.00	.00	.00	-.68
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
		.00	MAX	-194.92	.04	13.33	.00	-10.66	.21
		.00	MIN	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-194.92	.04	.00	.00	.00	.21
		.00	MIN	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.81	MAX	-185.44	.04	9.23	.00	9.77	.13
		.00	MIN	-194.92	.04	13.33	.00	-10.66	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.27	MAX	-26.05	.15	.00	.00	.00	2.73
		1.81	MIN	-53.42	5.65	.00	.00	.00	-2.43
			LF'e in Max: LF1 LF2 LF3 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
	LK11	.00	max	-63.68	1.79	.00	.00	.00	2.69
			min	-335.51	-.26	.00	.00	.00	-.11
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-63.68	1.79	.00	.00	.00	2.69
			min	-87.04	-2.74	.00	.00	.00	.37
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-194.92	.04	14.82	.00	-11.85	.21

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
98	LK11	.00	min	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-194.92	.04	.00	.00	.00	.21
			min	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-194.92	.04	.00	.00	.00	.21
			min	-194.92	.04	14.82	.00	-11.85	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-63.68	1.79	.00	.00	.00	2.69
			min	-330.51	-.32	.00	.00	.00	-.86
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.81	max	-54.21	1.79	.00	.00	.00	-.56
			min	-326.03	-.26	.00	.00	.00	.36
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-77.56	4.89	.00	.00	.00	-1.58
			min	-321.04	-.32	.00	.00	.00	-.28
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF12						
			max	-185.44	.04	10.25	.00	10.85	.13
			min	-185.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-185.44	.04	.00	.00	.00	.13
			min	-185.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-185.44	.04	10.25	.00	10.85	.13
			min	-185.44	.04	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-290.38	-.17	.00	.00	.00	.41
			min	-77.56	4.89	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		1.81 .00	MAX	-54.21	1.79	.00	.00	.00	-.56
			MIN	-335.51	-.26	.00	.00	.00	-.11
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		1.81 .00	MAX	-77.56	4.89	.00	.00	.00	-1.58
			MIN	-87.04	-2.74	.00	.00	.00	.37
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	-194.92	.04	14.82	.00	-11.85	.21
			MIN	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-194.92	.04	.00	.00	.00	.21
			MIN	-194.92	.04	.00	.00	.00	.21
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.81 .00	MAX	-185.44	.04	10.25	.00	10.85	.13
			MIN	-194.92	.04	14.82	.00	-11.85	.21
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00 1.81	MAX	-63.68	1.79	.00	.00	.00	2.69
			MIN	-77.56	4.89	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
99	LK10	.00	max	-94.49	-3.69	.00	.00	.00	-1.44
			min	-467.69	.21	.00	.00	.00	.09
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-447.33	.74	.00	.00	.00	.13
			min	-111.44	-3.84	.00	.00	.00	-2.06
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF15						
			max	-192.43	.16	9.23	.00	9.77	.13
			min	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-192.43	.16	.00	.00	.00	.13
			min	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-192.43	.16	9.23	.00	9.77	.13
			min	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-450.74	.35	.00	.00	.00	.71
			min	-213.78	-3.34	.00	.00	.00	-2.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF15						
		1.81	max	-85.02	3.17	.00	.00	.00	-.97
			min	-458.21	.21	.00	.00	.00	-.28
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-301.38	3.76	.00	.00	.00	-2.26
			min	-159.57	-.02	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF14 LF'e in Min: LF1 LF2 LF6 LF15						
			max	-182.95	.16	5.12	.00	22.75	-.16

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
99	LK10	1.81	min	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-182.95	.16	.00	.00	.00	-.16
			min	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-182.95	.16	5.12	.00	22.75	-.16
			min	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-345.84	.27	.00	.00	.00	.15
			min	-294.05	3.60	.00	.00	.00	-2.67
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		1.81 .00	MAX	-85.02	3.17	.00	.00	.00	-.97
			MIN	-467.69	.21	.00	.00	.00	.09
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		1.81 .00	MAX	-301.38	3.76	.00	.00	.00	-2.26
			MIN	-111.44	-3.84	.00	.00	.00	-2.06
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF15						
		.00 .00	MAX	-192.43	.16	9.23	.00	9.77	.13
			MIN	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-192.43	.16	.00	.00	.00	.13
			MIN	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.81 1.81	MAX	-182.95	.16	5.12	.00	22.75	-.16
			MIN	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 1.81	MAX	-450.74	.35	.00	.00	.00	.71
			MIN	-294.05	3.60	.00	.00	.00	-2.67
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
	LK11	.00	max	-128.42	-4.08	.00	.00	.00	-1.58
			min	-309.93	.29	.00	.00	.00	.36
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-306.14	.72	.00	.00	.00	-.28
			min	-128.42	-4.08	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF3						
			max	-192.43	.16	10.25	.00	10.85	.13
			min	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-192.43	.16	.00	.00	.00	.13
			min	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-192.43	.16	10.25	.00	10.85	.13
			min	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-280.06	.19	.00	.00	.00	.41
			min	-128.42	-4.08	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		1.81	max	-118.95	3.55	.00	.00	.00	-1.10
			min	-300.45	.29	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-118.95	3.55	.00	.00	.00	-1.10
			min	-201.79	.00	.00	.00	.00	-.55
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-182.95	.16	5.69	.00	25.28	-.16
			min	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-182.95	.16	.00	.00	.00	-.16
			min	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-182.95	.16	5.69	.00	25.28	-.16
			min	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-270.59	.19	.00	.00	.00	.07
			min	-296.67	.72	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		1.81 .00	MAX	-118.95	3.55	.00	.00	.00	-1.10
			MIN	-309.93	.29	.00	.00	.00	.36
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
		1.81 .00	MAX	-118.95	3.55	.00	.00	.00	-1.10
			MIN	-128.42	-4.08	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-192.43	.16	10.25	.00	10.85	.13

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
99	LK11	.00	MIN	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-192.43	.16	.00	.00	.00	.13
		.00	MIN	-192.43	.16	.00	.00	.00	.13
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.81	MAX	-182.95	.16	5.69	.00	25.28	-.16
		1.81	MIN	-182.95	.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-280.06	.19	.00	.00	.00	.41
		1.81	MIN	-296.67	.72	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
100	LK10	.00	max	-118.94	-4.49	.00	.00	.00	-.97
			min	-553.53	-6.19	.00	.00	.00	-.28
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-317.38	.42	.00	.00	.00	.14
			min	-437.49	-12.67	.00	.00	.00	-2.67
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-188.99	-1.16	5.12	.00	22.75	-.16
			min	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-188.99	-1.16	.00	.00	.00	-.16
			min	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-188.99	-1.16	5.12	.00	22.75	-.16
			min	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-312.77	.42	.00	.00	.00	.15
			min	-437.49	-12.67	.00	.00	.00	-2.67
			LF'e in Max: LF1 LF2 LF4 LF6 LF11 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.90	max	-114.20	-1.06	.00	.00	.00	1.54
			min	-548.80	-6.19	.00	.00	.00	5.32
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-312.64	.42	.00	.00	.00	-.24
			min	-432.76	-9.23	.00	.00	.00	7.24
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-184.26	-1.16	3.07	.00	26.46	.89
			min	-184.26	-1.16	.00	.00	.00	.89
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-184.26	-1.16	.00	.00	.00	.89
			min	-184.26	-1.16	.00	.00	.00	.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-184.26	-1.16	3.07	.00	26.46	.89
			min	-184.26	-1.16	.00	.00	.00	.89
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-432.76	-9.23	.00	.00	.00	7.24
			min	-312.64	.42	.00	.00	.00	-.24
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14						
		.90	MAX	-114.20	-1.06	.00	.00	.00	1.54
		.00	MIN	-553.53	-6.19	.00	.00	.00	-.28
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00	MAX	-317.38	.42	.00	.00	.00	.14
		.00	MIN	-437.49	-12.67	.00	.00	.00	-2.67
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.00	MAX	-188.99	-1.16	5.12	.00	22.75	-.16
		.00	MIN	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-188.99	-1.16	.00	.00	.00	-.16
		.00	MIN	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.90	MAX	-184.26	-1.16	3.07	.00	26.46	.89
		.00	MIN	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.90	MAX	-432.76	-9.23	.00	.00	.00	7.24
		.00	MIN	-437.49	-12.67	.00	.00	.00	-2.67
			LF'e in Max: LF1 LF2 LF3 LF5 LF12 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
	LK11	.00	max	-142.75	-.89	.00	.00	.00	-.13
			min	-348.67	-7.91	.00	.00	.00	-.55
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-260.39	-.41	.00	.00	.00	.07
			min	-348.67	-7.91	.00	.00	.00	-.55
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-188.99	-1.16	5.69	.00	25.28	-.16

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
100	LK11	.00	min	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-188.99	-1.16	.00	.00	.00	-.16
			min	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-188.99	-1.16	5.69	.00	25.28	-.16
			min	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-260.39	-.41	.00	.00	.00	.07
			min	-280.55	-2.90	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		.90	max	-138.01	-.89	.00	.00	.00	.68
			min	-343.93	-7.91	.00	.00	.00	6.60
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-255.65	-.41	.00	.00	.00	.44
			min	-343.93	-7.91	.00	.00	.00	6.60
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-184.26	-1.16	3.41	.00	29.40	.89
			min	-184.26	-1.16	.00	.00	.00	.89
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-184.26	-1.16	.00	.00	.00	.89
			min	-184.26	-1.16	.00	.00	.00	.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-184.26	-1.16	3.41	.00	29.40	.89
			min	-184.26	-1.16	.00	.00	.00	.89
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-343.93	-7.91	.00	.00	.00	6.60
			min	-279.78	-.66	.00	.00	.00	.42
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.90 .00	MAX	-138.01	-.89	.00	.00	.00	.68
			MIN	-348.67	-7.91	.00	.00	.00	-.55
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-260.39	-.41	.00	.00	.00	.07
			MIN	-348.67	-7.91	.00	.00	.00	-.55
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-188.99	-1.16	5.69	.00	25.28	-.16
			MIN	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-188.99	-1.16	.00	.00	.00	-.16
			MIN	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.90 .00	MAX	-184.26	-1.16	3.41	.00	29.40	.89
			MIN	-188.99	-1.16	.00	.00	.00	-.16
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.90 .00	MAX	-343.93	-7.91	.00	.00	.00	6.60
			MIN	-280.55	-2.90	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
101	LK10	.00	max	-114.20	.00	-1.06	.00	-1.54	.00
			min	-548.80	.00	-6.19	.00	-5.32	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-184.26	.00	-1.16	.00	-.89	.00
			min	-184.26	-3.07	-1.16	.00	-.89	26.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-312.64	.00	.42	.00	.24	.00
			min	-432.76	.00	-9.23	.00	-7.24	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-184.26	.00	-1.16	.00	-.89	.00
			min	-184.26	.00	-1.16	.00	-.89	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-312.64	.00	.42	.00	.24	.00
			min	-432.76	.00	-9.23	.00	-7.24	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-184.26	-3.07	-1.16	.00	-.89	26.46
			min	-184.26	.00	-1.16	.00	-.89	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	max	-111.71	.00	-1.06	.00	-2.17	.00
			min	-546.30	.00	-6.19	.00	-9.03	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-181.76	.00	-1.16	.00	-1.58	.00
			min	-181.76	-3.07	-1.16	.00	-1.58	28.30
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-310.15	.00	.42	.00	.50	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
101	LK10	.60	min	-430.26	.00	-9.23	.00	-12.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-181.76	.00	-1.16	.00	-1.58	.00
			min	-181.76	.00	-1.16	.00	-1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-310.15	.00	.42	.00	.50	.00
			min	-430.26	.00	-9.23	.00	-12.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
			max	-181.76	-3.07	-1.16	.00	-1.58	28.30
			min	-181.76	.00	-1.16	.00	-1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	MAX	-111.71	.00	-1.06	.00	-2.17	.00
		.00	MIN	-548.80	.00	-6.19	.00	-5.32	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00	MAX	-184.26	.00	-1.16	.00	-.89	.00
		.00	MIN	-184.26	-3.07	-1.16	.00	-.89	26.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-312.64	.00	.42	.00	.24	.00
		.00	MIN	-432.76	.00	-9.23	.00	-7.24	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.00	MAX	-184.26	.00	-1.16	.00	-.89	.00
		.00	MIN	-184.26	.00	-1.16	.00	-.89	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.60	MAX	-310.15	.00	.42	.00	.50	.00
		.60	MIN	-430.26	.00	-9.23	.00	-12.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		.60	MAX	-181.76	-3.07	-1.16	.00	-1.58	28.30
		.60	MIN	-181.76	.00	-1.16	.00	-1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	-138.01	.00	-.89	.00	-.68	.00
			min	-343.93	.00	-7.91	.00	-6.60	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-184.26	.00	-1.16	.00	-.89	.00
			min	-184.26	-3.41	-1.16	.00	-.89	29.40
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-255.65	.00	-.41	.00	-.44	.00
			min	-343.93	.00	-7.91	.00	-6.60	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-184.26	.00	-1.16	.00	-.89	.00
			min	-184.26	.00	-1.16	.00	-.89	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-279.78	.00	-.66	.00	-.42	.00
			min	-343.93	.00	-7.91	.00	-6.60	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-184.26	-3.41	-1.16	.00	-.89	29.40
			min	-184.26	.00	-1.16	.00	-.89	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	max	-135.52	.00	-.89	.00	-1.21	.00
			min	-341.44	.00	-7.91	.00	-11.35	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-181.76	.00	-1.16	.00	-1.58	.00
			min	-181.76	-3.41	-1.16	.00	-1.58	31.45
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-253.16	.00	-.41	.00	-.69	.00
			min	-341.44	.00	-7.91	.00	-11.35	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-181.76	.00	-1.16	.00	-1.58	.00
			min	-181.76	.00	-1.16	.00	-1.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-253.16	.00	-.41	.00	-.69	.00
			min	-341.44	.00	-7.91	.00	-11.35	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-181.76	-3.41	-1.16	.00	-1.58	31.45
			min	-181.76	.00	-1.16	.00	-1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	MAX	-135.52	.00	-.89	.00	-1.21	.00
		.00	MIN	-343.93	.00	-7.91	.00	-6.60	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-184.26	.00	-1.16	.00	-.89	.00
		.00	MIN	-184.26	-3.41	-1.16	.00	-.89	29.40
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-255.65	.00	-.41	.00	-.44	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
101	LK11	.00	MIN	-343.93	.00	-7.91	.00	-6.60	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-184.26	.00	-1.16	.00	-.89	.00
		.00	MIN	-184.26	.00	-1.16	.00	-.89	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-279.78	.00	-.66	.00	-.42	.00
		.60	MIN	-341.44	.00	-7.91	.00	-11.35	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.60	MAX	-181.76	-3.41	-1.16	.00	-1.58	31.45
		.60	MIN	-181.76	.00	-1.16	.00	-1.58	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
102	LK10	.00	max	30.32	.00	76.30	.00	-88.57	.00
			min	-124.38	.00	42.95	.00	-127.81	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-4.75	.61	-85.10	-8.06	89.15	.65
			min	-4.75	.00	-85.10	.00	89.15	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-69.81	.00	245.50	.00	-339.22	.00
			min	-24.25	.00	-126.26	.00	122.83	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5						
			max	-4.75	.00	-85.10	.00	89.15	.00
			min	-4.75	.61	-85.10	-8.06	89.15	.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-24.25	.00	-126.26	.00	122.83	.00
			min	-69.81	.00	245.50	.00	-339.22	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	-4.75	.61	-85.10	-8.06	89.15	.65
			min	-4.75	.00	-85.10	.00	89.15	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.11	max	30.32	.00	76.30	.00	-3.73	.00
			min	-124.38	.00	42.95	.00	-80.06	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-4.75	.61	-85.10	-8.06	-5.49	-.02
			min	-4.75	.00	-85.10	.00	-5.49	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-69.81	.00	245.50	.00	-66.22	.00
			min	-24.25	.00	-126.26	.00	-17.57	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5						
			max	-4.75	.00	-85.10	.00	-5.49	.00
			min	-4.75	.61	-85.10	-8.06	-5.49	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	25.50	.00	73.58	.00	14.20	.00
			min	-119.57	.00	45.66	.00	-97.99	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	-4.75	.00	-85.10	.00	-5.49	.00
			min	-4.75	.61	-85.10	-8.06	-5.49	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	30.32	.00	76.30	.00	-88.57	.00
		.00	MIN	-124.38	.00	42.95	.00	-127.81	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00	MAX	-4.75	.61	-85.10	-8.06	89.15	.65
		.00	MIN	-4.75	.00	-85.10	.00	89.15	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-69.81	.00	245.50	.00	-339.22	.00
		.00	MIN	-24.25	.00	-126.26	.00	122.83	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5						
		.00	MAX	-4.75	.00	-85.10	.00	89.15	.00
		.00	MIN	-4.75	.61	-85.10	-8.06	89.15	.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-24.25	.00	-126.26	.00	122.83	.00
		.00	MIN	-69.81	.00	245.50	.00	-339.22	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	-4.75	.61	-85.10	-8.06	89.15	.65
		1.11	MIN	-4.75	.61	-85.10	-8.06	-5.49	-.02
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	14.99	.00	4.06	.00	3.41	.00
			min	-116.00	.00	102.90	.00	-189.35	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-4.75	.67	-85.10	-8.96	89.15	.72
			min	-4.75	.00	-85.10	.00	89.15	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-116.00	.00	102.90	.00	-189.35	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
102	LK11	.00	min	-25.27	.00	-109.51	.00	103.58	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	-4.75	.00	-85.10	.00	89.15	.00
			min	-4.75	.67	-85.10	-8.96	89.15	.72
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-5.90	.00	-106.42	.00	112.14	.00
			min	-116.00	.00	102.90	.00	-189.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-4.75	.67	-85.10	-8.96	89.15	.72
			min	-4.75	.00	-85.10	.00	89.15	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.11	max	14.99	.00	4.06	.00	7.93	.00
			min	-116.00	.00	102.90	.00	-74.92	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-4.75	.67	-85.10	-8.96	-5.49	-.03
			min	-4.75	.00	-85.10	.00	-5.49	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-116.00	.00	102.90	.00	-74.92	.00
			min	-25.27	.00	-109.51	.00	-18.20	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	-4.75	.00	-85.10	.00	-5.49	.00
			min	-4.75	.67	-85.10	-8.96	-5.49	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	14.99	.00	4.06	.00	7.93	.00
			min	-116.00	.00	102.90	.00	-74.92	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-4.75	.00	-85.10	.00	-5.49	.00
			min	-4.75	.67	-85.10	-8.96	-5.49	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	14.99	.00	4.06	.00	3.41	.00
			MIN	-116.00	.00	102.90	.00	-189.35	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-4.75	.67	-85.10	-8.96	89.15	.72
			MIN	-4.75	.00	-85.10	.00	89.15	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-116.00	.00	102.90	.00	-189.35	.00
			MIN	-25.27	.00	-109.51	.00	103.58	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
		.00 .00	MAX	-4.75	.00	-85.10	.00	89.15	.00
			MIN	-4.75	.67	-85.10	-8.96	89.15	.72
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-5.90	.00	-106.42	.00	112.14	.00
			MIN	-116.00	.00	102.90	.00	-189.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00 1.11	MAX	-4.75	.67	-85.10	-8.96	89.15	.72
			MIN	-4.75	.67	-85.10	-8.96	-5.49	-.03
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
103	LK10	.00	max	7.96	.00	-468.17	.00	152.17	.00
			min	.09	.00	-180.03	.00	55.07	.00
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
			max	.97	.00	-170.22	.00	52.50	.00
			min	.97	-2.09	-170.22	19.85	52.50	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	.23	.00	-106.92	.00	33.48	.00
			min	7.53	.00	-528.59	.00	169.71	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	.97	-2.09	-170.22	19.85	52.50	-.65
			min	.97	.00	-170.22	.00	52.50	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.53	.00	-528.59	.00	169.71	.00
			min	.23	.00	-106.92	.00	33.48	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6						
			max	.97	.00	-170.22	.00	52.50	.00
			min	.97	-2.09	-170.22	19.85	52.50	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.30	max	7.96	.00	-468.17	.00	11.72	.00
			min	.09	.00	-180.03	.00	1.06	.00
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
			max	.97	.00	-170.22	.00	1.43	.00
			min	.97	-2.09	-170.22	19.85	1.43	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	.23	.00	-106.92	.00	1.41	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
103	LK10	.30	min	7.53	.00	-528.59	.00	11.14	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	.97	-2.09	-170.22	19.85	1.43	-.02
			min	.97	.00	-170.22	.00	1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.44	.00	-446.87	.00	12.01	.00
			min	.19	.00	-265.95	.00	.19	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12						
			max	.97	.00	-170.22	.00	1.43	.00
			min	.97	-2.09	-170.22	19.85	1.43	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	7.96	.00	-468.17	.00	152.17	.00
		.00	MIN	.09	.00	-180.03	.00	55.07	.00
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
		.00	MAX	.97	.00	-170.22	.00	52.50	.00
		.00	MIN	.97	-2.09	-170.22	19.85	52.50	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	.23	.00	-106.92	.00	33.48	.00
		.00	MIN	7.53	.00	-528.59	.00	169.71	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		.00	MAX	.97	-2.09	-170.22	19.85	52.50	-.65
		.00	MIN	.97	.00	-170.22	.00	52.50	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	7.53	.00	-528.59	.00	169.71	.00
		.30	MIN	.19	.00	-265.95	.00	.19	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12						
		.30	MAX	.97	.00	-170.22	.00	1.43	.00
		.00	MIN	.97	-2.09	-170.22	19.85	52.50	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	5.34	.00	-362.38	.00	117.65	.00
			min	.39	.00	-146.56	.00	45.73	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	.97	.00	-170.22	.00	52.50	.00
			min	.97	-2.32	-170.22	22.06	52.50	-.72
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	.73	.00	-123.55	.00	38.14	.00
			min	5.34	.00	-362.38	.00	117.65	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	.97	-2.32	-170.22	22.06	52.50	-.72
			min	.97	.00	-170.22	.00	52.50	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.34	.00	-362.38	.00	117.65	.00
			min	.73	.00	-123.55	.00	38.14	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF6						
			max	.97	.00	-170.22	.00	52.50	.00
			min	.97	-2.32	-170.22	22.06	52.50	-.72
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.30	max	5.34	.00	-362.38	.00	8.94	.00
			min	.39	.00	-146.56	.00	1.76	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	.97	.00	-170.22	.00	1.43	.00
			min	.97	-2.32	-170.22	22.06	1.43	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	.73	.00	-123.55	.00	1.08	.00
			min	5.34	.00	-362.38	.00	8.94	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	.97	-2.32	-170.22	22.06	1.43	-.03
			min	.97	.00	-170.22	.00	1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.34	.00	-362.38	.00	8.94	.00
			min	.48	.00	-237.35	.00	.79	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	.97	.00	-170.22	.00	1.43	.00
			min	.97	-2.32	-170.22	22.06	1.43	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	5.34	.00	-362.38	.00	117.65	.00
		.00	MIN	.39	.00	-146.56	.00	45.73	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	.97	.00	-170.22	.00	52.50	.00
		.00	MIN	.97	-2.32	-170.22	22.06	52.50	-.72
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	.73	.00	-123.55	.00	38.14	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
103	LK11	.00	MIN	5.34	.00	-362.38	.00	117.65	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	.97	-2.32	-170.22	22.06	52.50	-.72
		.00	MIN	.97	.00	-170.22	.00	52.50	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	5.34	.00	-362.38	.00	117.65	.00
		.30	MIN	.48	.00	-237.35	.00	.79	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		.30	MAX	.97	.00	-170.22	.00	1.43	.00
		.00	MIN	.97	-2.32	-170.22	22.06	52.50	-.72
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
104	LK10	.00	max	-106.92	.00	.23	.00	-1.41	.00
			min	-528.59	.00	7.53	.00	-11.14	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-170.22	2.09	.97	-.02	-1.43	19.85
			min	-170.22	.00	.97	.00	-1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-468.17	.00	7.96	.00	-11.72	.00
			min	-180.03	.00	.09	.00	-1.06	.00
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
			max	-170.22	.00	.97	.00	-1.43	.00
			min	-170.22	2.09	.97	-.02	-1.43	19.85
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-265.95	.00	.19	.00	-.19	.00
			min	-446.87	.00	7.44	.00	-12.01	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-170.22	2.09	.97	-.02	-1.43	19.85
			min	-170.22	.00	.97	.00	-1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	max	-109.42	.00	.23	.00	-1.27	.00
			min	-531.08	.00	7.53	.00	-6.62	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-172.71	2.09	.97	-.02	-.85	18.60
			min	-172.71	.00	.97	.00	-.85	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-470.66	.00	7.96	.00	-6.94	.00
			min	-182.52	.00	.09	.00	-1.01	.00
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
			max	-172.71	.00	.97	.00	-.85	.00
			min	-172.71	2.09	.97	-.02	-.85	18.60
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-268.45	.00	.19	.00	-.07	.00
			min	-449.37	.00	7.44	.00	-7.55	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-172.71	2.09	.97	-.02	-.85	18.60
			min	-172.71	.00	.97	.00	-.85	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-106.92	.00	.23	.00	-1.41	.00
		.60	MIN	-531.08	.00	7.53	.00	-6.62	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		.00	MAX	-170.22	2.09	.97	-.02	-1.43	19.85
		.00	MIN	-170.22	.00	.97	.00	-1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-468.17	.00	7.96	.00	-11.72	.00
		.00	MIN	-180.03	.00	.09	.00	-1.06	.00
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
		.00	MAX	-170.22	.00	.97	.00	-1.43	.00
		.00	MIN	-170.22	2.09	.97	-.02	-1.43	19.85
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.60	MAX	-268.45	.00	.19	.00	-.07	.00
		.00	MIN	-446.87	.00	7.44	.00	-12.01	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00	MAX	-170.22	2.09	.97	-.02	-1.43	19.85
		.60	MIN	-172.71	.00	.97	.00	-.85	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	-123.55	.00	.73	.00	-1.08	.00
			min	-362.38	.00	5.34	.00	-8.94	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-170.22	2.32	.97	-.03	-1.43	22.06
			min	-170.22	.00	.97	.00	-1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-362.38	.00	5.34	.00	-8.94	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
104	LK11	.00	min	-146.56	.00	.39	.00	-1.76	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	-170.22	.00	.97	.00	-1.43	.00
			min	-170.22	2.32	.97	-.03	-1.43	22.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-237.35	.00	.48	.00	-.79	.00
			min	-362.38	.00	5.34	.00	-8.94	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-170.22	2.32	.97	-.03	-1.43	22.06
			min	-170.22	.00	.97	.00	-1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	max	-126.04	.00	.73	.00	-.64	.00
			min	-364.87	.00	5.34	.00	-5.74	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-172.71	2.32	.97	-.03	-.85	20.67
			min	-172.71	.00	.97	.00	-.85	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-364.87	.00	5.34	.00	-5.74	.00
			min	-149.06	.00	.39	.00	-1.52	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	-172.71	.00	.97	.00	-.85	.00
			min	-172.71	2.32	.97	-.03	-.85	20.67
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-239.85	.00	.48	.00	-.50	.00
			min	-364.87	.00	5.34	.00	-5.74	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-172.71	2.32	.97	-.03	-.85	20.67
			min	-172.71	.00	.97	.00	-.85	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .60	MAX	-123.55	.00	.73	.00	-1.08	.00
			MIN	-364.87	.00	5.34	.00	-5.74	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-170.22	2.32	.97	-.03	-1.43	22.06
			MIN	-170.22	.00	.97	.00	-1.43	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-362.38	.00	5.34	.00	-8.94	.00
			MIN	-146.56	.00	.39	.00	-1.76	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
		.00 .00	MAX	-170.22	.00	.97	.00	-1.43	.00
			MIN	-170.22	2.32	.97	-.03	-1.43	22.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.60 .00	MAX	-239.85	.00	.48	.00	-.50	.00
			MIN	-362.38	.00	5.34	.00	-8.94	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
		.00 .60	MAX	-170.22	2.32	.97	-.03	-1.43	22.06
			MIN	-172.71	.00	.97	.00	-.85	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
105	LK10	.00	max	161.70	.00	121.28	.00	-75.71	.00
			min	-828.51	.00	6.49	.00	-2.91	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13						
			max	-88.66	.61	4.75	-.02	-2.90	8.06
			min	-88.66	.00	4.75	.00	-2.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	42.11	.00	153.28	.00	-95.40	.00
			min	-708.92	.00	-25.50	.00	16.79	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	-88.66	.00	4.75	.00	-2.90	.00
			min	-88.66	.61	4.75	-.02	-2.90	8.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-708.92	.00	-25.50	.00	16.79	.00
			min	42.11	.00	153.28	.00	-95.40	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	-88.66	.61	4.75	-.02	-2.90	8.06
			min	-88.66	.00	4.75	.00	-2.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	max	161.70	.00	121.28	.00	-2.94	.00
			min	-828.51	.00	6.49	.00	.99	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13						
			max	-88.66	.61	4.75	-.02	-.06	7.70
			min	-88.66	.00	4.75	.00	-.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	42.11	.00	153.28	.00	-3.44	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
105	LK10	.60	min	-708.92	.00	-25.50	.00	1.48	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	-88.66	.00	4.75	.00	-.06	.00
			min	-88.66	.61	4.75	-.02	-.06	7.70
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-708.92	.00	-25.50	.00	1.48	.00
			min	42.11	.00	153.28	.00	-3.44	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	-88.66	.61	4.75	-.02	-.06	7.70
			min	-88.66	.00	4.75	.00	-.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	161.70	.00	121.28	.00	-75.71	.00
		.00	MIN	-828.51	.00	6.49	.00	-2.91	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13						
		.00	MAX	-88.66	.61	4.75	-.02	-2.90	8.06
		.00	MIN	-88.66	.00	4.75	.00	-2.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	42.11	.00	153.28	.00	-95.40	.00
		.00	MIN	-708.92	.00	-25.50	.00	16.79	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
		.00	MAX	-88.66	.00	4.75	.00	-2.90	.00
		.00	MIN	-88.66	.61	4.75	-.02	-2.90	8.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-708.92	.00	-25.50	.00	16.79	.00
		.00	MIN	42.11	.00	153.28	.00	-95.40	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
		.00	MAX	-88.66	.61	4.75	-.02	-2.90	8.06
		.60	MIN	-88.66	.00	4.75	.00	-.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	99.35	.00	116.00	.00	-72.34	.00
			min	-864.99	.00	-14.99	.00	10.51	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-88.66	.67	4.75	-.03	-2.90	8.96
			min	-88.66	.00	4.75	.00	-2.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	99.35	.00	116.00	.00	-72.34	.00
			min	-864.99	.00	-14.99	.00	10.51	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-88.66	.00	4.75	.00	-2.90	.00
			min	-88.66	.67	4.75	-.03	-2.90	8.96
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-864.99	.00	-14.99	.00	10.51	.00
			min	99.35	.00	116.00	.00	-72.34	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-88.66	.67	4.75	-.03	-2.90	8.96
			min	-88.66	.00	4.75	.00	-2.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.60	max	99.35	.00	116.00	.00	-2.74	.00
			min	-864.99	.00	-14.99	.00	1.52	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-88.66	.67	4.75	-.03	-.06	8.56
			min	-88.66	.00	4.75	.00	-.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	99.35	.00	116.00	.00	-2.74	.00
			min	-864.99	.00	-14.99	.00	1.52	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-88.66	.00	4.75	.00	-.06	.00
			min	-88.66	.67	4.75	-.03	-.06	8.56
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-864.99	.00	-14.99	.00	1.52	.00
			min	99.35	.00	116.00	.00	-2.74	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-88.66	.67	4.75	-.03	-.06	8.56
			min	-88.66	.00	4.75	.00	-.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	99.35	.00	116.00	.00	-72.34	.00
		.00	MIN	-864.99	.00	-14.99	.00	10.51	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	-88.66	.67	4.75	-.03	-2.90	8.96
		.00	MIN	-88.66	.00	4.75	.00	-2.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	99.35	.00	116.00	.00	-72.34	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
105	LK11	.00	MIN	-864.99	.00	-14.99	.00	10.51	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	-88.66	.00	4.75	.00	-2.90	.00
		.00	MIN	-88.66	.67	4.75	-.03	-2.90	8.96
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-864.99	.00	-14.99	.00	10.51	.00
		.00	MIN	99.35	.00	116.00	.00	-72.34	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-88.66	.67	4.75	-.03	-2.90	8.96
		.60	MIN	-88.66	.00	4.75	.00	-.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
106	LK10	.00	max	663.33	148.04	.00	.00	.00	.00
			min	-541.18	-20.12	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	533.24	153.61	.00	.00	.00	.00
			min	-411.10	-25.68	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	-185.00	5.25	22.08	.00	-77.09	.00
			min	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-185.00	5.25	.00	.00	.00	.00
			min	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-185.00	5.25	.00	.00	.00	.00
			min	-185.00	5.25	22.08	.00	-77.09	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-185.00	5.25	.00	.00	.00	.00
			min	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.40	max	663.76	148.04	.00	.00	.00	-59.22
			min	-540.75	-20.12	.00	.00	.00	8.05
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	533.67	153.61	.00	.00	.00	-61.44
			min	-410.67	-25.68	.00	.00	.00	10.27
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	-184.57	5.25	22.08	.00	-68.25	-2.10
			min	-184.57	5.25	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-184.57	5.25	.00	.00	.00	-2.10
			min	-184.57	5.25	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-184.57	5.25	.00	.00	.00	-2.10
			min	-184.57	5.25	22.08	.00	-68.25	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-410.67	-25.68	.00	.00	.00	10.27
			min	533.67	153.61	.00	.00	.00	-61.44
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.40	MAX	663.76	148.04	.00	.00	.00	-59.22
		.00	MIN	-541.18	-20.12	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
		.00	MAX	533.24	153.61	.00	.00	.00	.00
		.00	MIN	-411.10	-25.68	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
		.00	MAX	-185.00	5.25	22.08	.00	-77.09	.00
		.00	MIN	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-185.00	5.25	.00	.00	.00	.00
		.00	MIN	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-185.00	5.25	.00	.00	.00	.00
		.00	MIN	-185.00	5.25	22.08	.00	-77.09	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.40	MAX	-410.67	-25.68	.00	.00	.00	10.27
		.40	MIN	533.67	153.61	.00	.00	.00	-61.44
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
	LK11	.00	max	370.84	114.89	.00	.00	.00	.00
			min	-390.28	-11.43	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	370.84	114.89	.00	.00	.00	.00
			min	-390.28	-11.43	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-185.00	5.25	24.53	.00	-85.65	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
106	LK11	.00	min	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-185.00	5.25	.00	.00	.00	.00
			min	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-185.00	5.25	.00	.00	.00	.00
			min	-185.00	5.25	24.53	.00	-85.65	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-185.00	5.25	.00	.00	.00	.00
			min	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.40	max	371.27	114.89	.00	.00	.00	-45.96
			min	-389.85	-11.43	.00	.00	.00	4.57
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	371.27	114.89	.00	.00	.00	-45.96
			min	-389.85	-11.43	.00	.00	.00	4.57
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-184.57	5.25	24.53	.00	-75.84	-2.10
			min	-184.57	5.25	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-184.57	5.25	.00	.00	.00	-2.10
			min	-184.57	5.25	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-184.57	5.25	.00	.00	.00	-2.10
			min	-184.57	5.25	24.53	.00	-75.84	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-389.85	-11.43	.00	.00	.00	4.57
			min	371.27	114.89	.00	.00	.00	-45.96
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.40 .00	MAX	371.27	114.89	.00	.00	.00	-45.96
			MIN	-390.28	-11.43	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	370.84	114.89	.00	.00	.00	.00
			MIN	-390.28	-11.43	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-185.00	5.25	24.53	.00	-85.65	.00
			MIN	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-185.00	5.25	.00	.00	.00	.00
			MIN	-185.00	5.25	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-185.00	5.25	.00	.00	.00	.00
			MIN	-185.00	5.25	24.53	.00	-85.65	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.40 .40	MAX	-389.85	-11.43	.00	.00	.00	4.57
			MIN	371.27	114.89	.00	.00	.00	-45.96
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
107	LK10	.00	max	540.95	-37.82	.00	.00	.00	-59.22
			min	-523.66	5.30	.00	.00	.00	8.05
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-381.16	7.02	.00	.00	.00	10.13
			min	406.27	-39.18	.00	.00	.00	-61.44
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-188.68	-1.37	22.08	.00	-68.25	-2.10
			min	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-188.68	-1.37	.00	.00	.00	-2.10
			min	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-188.68	-1.37	.00	.00	.00	-2.10
			min	-188.68	-1.37	22.08	.00	-68.25	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-388.98	6.67	.00	.00	.00	10.27
			min	406.27	-39.18	.00	.00	.00	-61.44
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		1.87	max	550.73	-44.91	.00	.00	.00	18.14
			min	-513.87	5.30	.00	.00	.00	-1.87
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-371.37	7.02	.00	.00	.00	-3.00
			min	416.06	-46.28	.00	.00	.00	18.46
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-178.90	-1.37	17.84	.00	-30.93	.46

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
107	LK10	1.87	min	-178.90	-1.37	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-178.90	-1.37	.00	.00	.00	.46
			min	-178.90	-1.37	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-178.90	-1.37	.00	.00	.00	.46
			min	-178.90	-1.37	17.84	.00	-30.93	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	416.06	-46.28	.00	.00	.00	18.46
			min	-371.37	7.02	.00	.00	.00	-3.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
		1.87 .00	MAX	550.73	-44.91	.00	.00	.00	18.14
			MIN	-523.66	5.30	.00	.00	.00	8.05
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
		.00 1.87	MAX	-381.16	7.02	.00	.00	.00	10.13
			MIN	416.06	-46.28	.00	.00	.00	18.46
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00 .00	MAX	-188.68	-1.37	22.08	.00	-68.25	-2.10
			MIN	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-188.68	-1.37	.00	.00	.00	-2.10
			MIN	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.87 .00	MAX	-178.90	-1.37	.00	.00	.00	.46
			MIN	-188.68	-1.37	22.08	.00	-68.25	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.87 .00	MAX	416.06	-46.28	.00	.00	.00	18.46
			MIN	406.27	-39.18	.00	.00	.00	-61.44
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
	LK11	.00	max	274.66	-31.40	.00	.00	.00	-45.96
			min	-380.20	2.74	.00	.00	.00	4.57
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-371.51	3.14	.00	.00	.00	4.41
			min	274.66	-31.40	.00	.00	.00	-45.96
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-188.68	-1.37	24.53	.00	-75.84	-2.10
			min	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-188.68	-1.37	.00	.00	.00	-2.10
			min	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-188.68	-1.37	.00	.00	.00	-2.10
			min	-188.68	-1.37	24.53	.00	-75.84	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-380.20	2.74	.00	.00	.00	4.57
			min	274.66	-31.40	.00	.00	.00	-45.96
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.87	max	284.45	-31.40	.00	.00	.00	12.76
			min	-370.41	2.74	.00	.00	.00	-.56
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-361.72	3.14	.00	.00	.00	-1.46
			min	284.45	-31.40	.00	.00	.00	12.76
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-178.90	-1.37	19.82	.00	-34.37	.46
			min	-178.90	-1.37	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-178.90	-1.37	.00	.00	.00	.46
			min	-178.90	-1.37	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-178.90	-1.37	.00	.00	.00	.46
			min	-178.90	-1.37	19.82	.00	-34.37	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	284.45	-31.40	.00	.00	.00	12.76
			min	-361.72	3.14	.00	.00	.00	-1.46
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.87 .00	MAX	284.45	-31.40	.00	.00	.00	12.76
			MIN	-380.20	2.74	.00	.00	.00	4.57
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-371.51	3.14	.00	.00	.00	4.41
			MIN	274.66	-31.40	.00	.00	.00	-45.96
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-188.68	-1.37	24.53	.00	-75.84	-2.10

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
107	LK11	.00	MIN	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-188.68	-1.37	.00	.00	.00	-2.10
		.00	MIN	-188.68	-1.37	.00	.00	.00	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.87	MAX	-178.90	-1.37	.00	.00	.00	.46
		.00	MIN	-188.68	-1.37	24.53	.00	-75.84	-2.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.87	MAX	284.45	-31.40	.00	.00	.00	12.76
		.00	MIN	274.66	-31.40	.00	.00	.00	-45.96
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
108	LK10	.00	max	322.86	14.16	.00	.00	.00	18.14
			min	-482.08	-1.38	.00	.00	.00	-1.87
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	179.04	14.51	.00	.00	.00	18.46
			min	-330.83	-1.81	.00	.00	.00	-3.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
			max	-187.15	.34	17.84	.00	-30.93	.46
			min	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-187.15	.34	.00	.00	.00	.46
			min	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-187.15	.34	.00	.00	.00	.46
			min	-187.15	.34	17.84	.00	-30.93	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	179.04	14.51	.00	.00	.00	18.46
			min	-330.83	-1.81	.00	.00	.00	-3.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
		1.87	max	332.65	7.07	.00	.00	.00	-1.72
			min	-472.29	-1.38	.00	.00	.00	.72
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	188.82	7.42	.00	.00	.00	-2.04
			min	-321.04	-1.81	.00	.00	.00	.38
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
			max	-177.37	.34	13.60	.00	-1.54	-.17
			min	-177.37	.34	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-177.37	.34	.00	.00	.00	-.17
			min	-177.37	.34	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-177.37	.34	.00	.00	.00	-.17
			min	-177.37	.34	13.60	.00	-1.54	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-328.47	-1.73	.00	.00	.00	1.04
			min	45.82	7.32	.00	.00	.00	-2.04
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF5 LF15						
		1.87	MAX	332.65	7.07	.00	.00	.00	-1.72
		.00	MIN	-482.08	-1.38	.00	.00	.00	-1.87
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
		.00	MAX	179.04	14.51	.00	.00	.00	18.46
		.00	MIN	-330.83	-1.81	.00	.00	.00	-3.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
		.00	MAX	-187.15	.34	17.84	.00	-30.93	.46
		.00	MIN	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-187.15	.34	.00	.00	.00	.46
		.00	MIN	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.87	MAX	-177.37	.34	.00	.00	.00	-.17
		.00	MIN	-187.15	.34	17.84	.00	-30.93	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	179.04	14.51	.00	.00	.00	18.46
		.00	MIN	-330.83	-1.81	.00	.00	.00	-3.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12 LF14						
	LK11	.00	max	100.76	8.01	.00	.00	.00	12.76
			min	-352.37	-.73	.00	.00	.00	-.56
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-28.26	8.33	.00	.00	.00	8.03
			min	-344.13	-.82	.00	.00	.00	-1.46
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
			max	-187.15	.34	19.82	.00	-34.37	.46

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
108	LK11	.00	min	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-187.15	.34	.00	.00	.00	.46
			min	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-187.15	.34	.00	.00	.00	.46
			min	-187.15	.34	19.82	.00	-34.37	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	100.76	8.01	.00	.00	.00	12.76
			min	-344.13	-.82	.00	.00	.00	-1.46
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.87	max	110.55	8.01	.00	.00	.00	-2.21
			min	-342.59	-.73	.00	.00	.00	.80
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	110.55	8.01	.00	.00	.00	-2.21
			min	-334.34	-.82	.00	.00	.00	.07
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
			max	-177.37	.34	15.11	.00	-1.71	-.17
			min	-177.37	.34	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-177.37	.34	.00	.00	.00	-.17
			min	-177.37	.34	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-177.37	.34	.00	.00	.00	-.17
			min	-177.37	.34	15.11	.00	-1.71	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-342.59	-.73	.00	.00	.00	.80
			min	110.55	8.01	.00	.00	.00	-2.21
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.87 .00	MAX	110.55	8.01	.00	.00	.00	-2.21
			MIN	-352.37	-.73	.00	.00	.00	-.56
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-28.26	8.33	.00	.00	.00	8.03
			MIN	-344.13	-.82	.00	.00	.00	-1.46
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		.00 .00	MAX	-187.15	.34	19.82	.00	-34.37	.46
			MIN	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-187.15	.34	.00	.00	.00	.46
			MIN	-187.15	.34	.00	.00	.00	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.87 .00	MAX	-177.37	.34	.00	.00	.00	-.17
			MIN	-187.15	.34	19.82	.00	-34.37	.46
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.87	MAX	100.76	8.01	.00	.00	.00	12.76
			MIN	110.55	8.01	.00	.00	.00	-2.21
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
109	LK10	.00	max	153.13	2.49	.00	.00	.00	-1.72
			min	-443.87	.11	.00	.00	.00	.72
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-95.01	2.99	.00	.00	.00	.33
			min	-94.82	-.43	.00	.00	.00	-2.04
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF5 LF15						
			max	-183.89	.00	13.60	.00	-1.54	-.17
			min	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-183.89	.00	.00	.00	.00	-.17
			min	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-183.89	.00	.00	.00	.00	-.17
			min	-183.89	.00	13.60	.00	-1.54	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-292.36	.12	.00	.00	.00	1.04
			min	-94.82	-.43	.00	.00	.00	-2.04
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF5 LF15						
		1.88	max	162.97	-4.64	.00	.00	.00	.30
			min	-434.03	.11	.00	.00	.00	.51
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-276.62	.13	.00	.00	.00	.12
			min	11.47	-4.65	.00	.00	.00	-.01
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-174.05	.00	9.33	.00	20.01	-.17

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
109	LK10	1.88	min	-174.05	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-174.05	.00	.00	.00	.00	-.17
			min	-174.05	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-174.05	.00	9.33	.00	20.01	-.17
			min	-174.05	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-91.08	-4.16	.00	.00	.00	2.11
			min	-179.98	-.37	.00	.00	.00	-1.30
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF15						
		1.88 .00	MAX	162.97	-4.64	.00	.00	.00	.30
			MIN	-443.87	.11	.00	.00	.00	.72
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
		.00 1.88	MAX	-95.01	2.99	.00	.00	.00	.33
			MIN	11.47	-4.65	.00	.00	.00	-.01
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00 .00	MAX	-183.89	.00	13.60	.00	-1.54	-.17
			MIN	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-183.89	.00	.00	.00	.00	-.17
			MIN	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.88 .00	MAX	-174.05	.00	9.33	.00	20.01	-.17
			MIN	-183.89	.00	13.60	.00	-1.54	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		1.88 .66	MAX	-91.08	-4.16	.00	.00	.00	2.11
			MIN	5.07	-.01	.00	.00	.00	-2.86
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
	LK11	.00	max	-43.27	-.48	.00	.00	.00	-2.21
			min	-325.55	.06	.00	.00	.00	.80
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-76.72	3.24	.00	.00	.00	-.17
			min	-43.27	-.48	.00	.00	.00	-2.21
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
			max	-183.89	.00	15.11	.00	-1.71	-.17
			min	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-183.89	.00	.00	.00	.00	-.17
			min	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-183.89	.00	.00	.00	.00	-.17
			min	-183.89	.00	15.11	.00	-1.71	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-325.55	.06	.00	.00	.00	.80
			min	-43.27	-.48	.00	.00	.00	-2.21
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.88	max	-33.43	-.48	.00	.00	.00	-1.31
			min	-315.71	.06	.00	.00	.00	.69
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-309.14	.08	.00	.00	.00	-.08
			min	-66.89	-4.69	.00	.00	.00	1.19
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF4						
			max	-174.05	.00	10.37	.00	22.23	-.17
			min	-174.05	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-174.05	.00	.00	.00	.00	-.17
			min	-174.05	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-174.05	.00	10.37	.00	22.23	-.17
			min	-174.05	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-66.89	-4.69	.00	.00	.00	1.19
			min	-33.43	-.48	.00	.00	.00	-1.31
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
		1.88 .00	MAX	-33.43	-.48	.00	.00	.00	-1.31
			MIN	-325.55	.06	.00	.00	.00	.80
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 1.88	MAX	-76.72	3.24	.00	.00	.00	-.17
			MIN	-66.89	-4.69	.00	.00	.00	1.19
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	-183.89	.00	15.11	.00	-1.71	-.17

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
109	LK11	.00	MIN	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-183.89	.00	.00	.00	.00	-.17
		.00	MIN	-183.89	.00	.00	.00	.00	-.17
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.88	MAX	-174.05	.00	10.37	.00	22.23	-.17
		.00	MIN	-183.89	.00	15.11	.00	-1.71	-.17
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		1.88	MAX	-66.89	-4.69	.00	.00	.00	1.19
		.00	MIN	-43.27	-.48	.00	.00	.00	-2.21
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF15						
110	LK10	.00	max	-46.87	4.89	.00	.00	.00	3.00
			min	-425.69	.07	.00	.00	.00	1.47
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	-69.07	6.02	.00	.00	.00	5.16
			min	-403.49	-1.06	.00	.00	.00	-.68
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-181.72	-.13	9.30	-.02	.50	-.10
			min	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-181.72	-.13	.00	.00	.00	-.10
			min	-181.72	-.13	9.30	-.02	.50	-.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-181.72	-.13	9.30	-.02	.50	-.10
			min	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-69.07	6.02	.00	.00	.00	5.16
			min	-398.48	-.58	.00	.00	.00	-1.02
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
		2.12	max	-35.78	-3.15	.00	.00	.00	1.15
			min	-414.60	.07	.00	.00	.00	1.32
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	-111.87	1.36	.00	.00	.00	-.06
			min	-260.68	-4.30	.00	.00	.00	2.68
			LF'e in Max: LF1 LF2 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13						
			max	-170.63	-.13	4.49	-.02	15.11	.18
			min	-170.63	-.13	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-170.63	-.13	.00	.00	.00	.18
			min	-170.63	-.13	4.49	-.02	15.11	.18
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-170.63	-.13	4.49	-.02	15.11	.18
			min	-170.63	-.13	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-220.12	-3.97	.00	.00	.00	2.71
			min	-230.26	.89	.00	.00	.00	-.24
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF15						
		2.12	MAX	-35.78	-3.15	.00	.00	.00	1.15
		.00	MIN	-425.69	.07	.00	.00	.00	1.47
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
		.00	MAX	-69.07	6.02	.00	.00	.00	5.16
		2.12	MIN	-260.68	-4.30	.00	.00	.00	2.68
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13						
		.00	MAX	-181.72	-.13	9.30	-.02	.50	-.10
		.00	MIN	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-181.72	-.13	.00	.00	.00	-.10
		.00	MIN	-181.72	-.13	9.30	-.02	.50	-.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.12	MAX	-170.63	-.13	4.49	-.02	15.11	.18
		.00	MIN	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-69.07	6.02	.00	.00	.00	5.16
		.00	MIN	-398.48	-.58	.00	.00	.00	-1.02
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
	LK11	.00	max	-121.84	5.05	.00	.00	.00	2.50
			min	-298.00	-.98	.00	.00	.00	-.25
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF13						
			max	-121.84	5.05	.00	.00	.00	2.50
			min	-298.00	-.98	.00	.00	.00	-.25
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF13						
			max	-181.72	-.13	10.33	-.03	.55	-.10

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
110	LK11	.00	min	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-181.72	-.13	.00	.00	.00	-.10
			min	-181.72	-.13	10.33	-.03	.55	-.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-181.72	-.13	10.33	-.03	.55	-.10
			min	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-121.84	5.05	.00	.00	.00	2.50
			min	-292.44	-.44	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
		2.12	max	-110.74	-3.88	.00	.00	.00	1.26
			min	-286.91	-.98	.00	.00	.00	1.83
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF13						
			max	-195.29	1.12	.00	.00	.00	-.08
			min	-110.74	-3.88	.00	.00	.00	1.26
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	-170.63	-.13	4.99	-.03	16.79	.18
			min	-170.63	-.13	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-170.63	-.13	.00	.00	.00	.18
			min	-170.63	-.13	4.99	-.03	16.79	.18
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-170.63	-.13	4.99	-.03	16.79	.18
			min	-170.63	-.13	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-286.91	-.98	.00	.00	.00	1.83
			min	-195.29	1.12	.00	.00	.00	-.08
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		2.12 .00	MAX	-110.74	-3.88	.00	.00	.00	1.26
			MIN	-298.00	-.98	.00	.00	.00	-.25
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF13						
		.00 2.12	MAX	-121.84	5.05	.00	.00	.00	2.50
			MIN	-110.74	-3.88	.00	.00	.00	1.26
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF4						
		.00 .00	MAX	-181.72	-.13	10.33	-.03	.55	-.10
			MIN	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-181.72	-.13	.00	.00	.00	-.10
			MIN	-181.72	-.13	10.33	-.03	.55	-.10
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.12 .00	MAX	-170.63	-.13	4.99	-.03	16.79	.18
			MIN	-181.72	-.13	.00	.00	.00	-.10
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-121.84	5.05	.00	.00	.00	2.50
			MIN	-292.44	-.44	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF12						
111	LK10	.00	max	-114.96	4.26	.00	.00	.00	1.11
			min	-536.63	7.53	.00	.00	.00	1.36
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-454.92	11.46	.00	.00	.00	2.47
			min	-269.78	.18	.00	.00	.00	.11
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10						
			max	-178.26	.97	4.49	-.02	15.11	.18
			min	-178.26	.97	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-178.26	.97	.00	.00	.00	.18
			min	-178.26	.97	4.49	-.02	15.11	.18
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-178.26	.97	4.49	-.02	15.11	.18
			min	-178.26	.97	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-281.97	7.53	.00	.00	.00	2.71
			min	-369.62	4.25	.00	.00	.00	-.24
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF15						
		1.06	max	-109.42	.23	.00	.00	.00	-1.27
			min	-531.08	7.53	.00	.00	.00	-6.62
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-470.66	7.96	.00	.00	.00	-6.94
			min	-182.52	.09	.00	.00	.00	-1.01
			LF'e in Max: LF1 LF2 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
			max	-172.71	.97	2.09	-.02	18.60	-.85

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
111	LK10	1.06	min	-172.71	.97	.00	.00	.00	-.85
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-172.71	.97	.00	.00	.00	-.85
			min	-172.71	.97	2.09	-.02	18.60	-.85
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-172.71	.97	2.09	-.02	18.60	-.85
			min	-172.71	.97	.00	.00	.00	-.85
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-268.45	.19	.00	.00	.00	-.07
			min	-449.37	7.44	.00	.00	.00	-7.55
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		1.06 .00	MAX	-109.42	.23	.00	.00	.00	-1.27
			MIN	-536.63	7.53	.00	.00	.00	1.36
			LF'e in Max: LF1 LF2 LF4 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		.00 1.06	MAX	-454.92	11.46	.00	.00	.00	2.47
			MIN	-182.52	.09	.00	.00	.00	-1.01
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF6 LF10						
		.00 .00	MAX	-178.26	.97	4.49	-.02	15.11	.18
			MIN	-178.26	.97	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-178.26	.97	.00	.00	.00	.18
			MIN	-178.26	.97	4.49	-.02	15.11	.18
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.06 1.06	MAX	-172.71	.97	2.09	-.02	18.60	-.85
			MIN	-172.71	.97	.00	.00	.00	-.85
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 1.06	MAX	-281.97	7.53	.00	.00	.00	2.71
			MIN	-449.37	7.44	.00	.00	.00	-7.55
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
	LK11	.00	max	-131.59	.73	.00	.00	.00	.14
			min	-370.42	5.34	.00	.00	.00	-.08
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-370.42	5.34	.00	.00	.00	-.08
			min	-245.39	.48	.00	.00	.00	.02
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-178.26	.97	4.99	-.03	16.79	.18
			min	-178.26	.97	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-178.26	.97	.00	.00	.00	.18
			min	-178.26	.97	4.99	-.03	16.79	.18
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-178.26	.97	4.99	-.03	16.79	.18
			min	-178.26	.97	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-268.26	2.88	.00	.00	.00	1.83
			min	-370.42	5.34	.00	.00	.00	-.08
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.06	max	-126.04	.73	.00	.00	.00	-.64
			min	-364.87	5.34	.00	.00	.00	-5.74
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
			max	-364.87	5.34	.00	.00	.00	-5.74
			min	-149.06	.39	.00	.00	.00	-1.52
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
			max	-172.71	.97	2.32	-.03	20.67	-.85
			min	-172.71	.97	.00	.00	.00	-.85
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-172.71	.97	.00	.00	.00	-.85
			min	-172.71	.97	2.32	-.03	20.67	-.85
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-172.71	.97	2.32	-.03	20.67	-.85
			min	-172.71	.97	.00	.00	.00	-.85
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-239.85	.48	.00	.00	.00	-.50
			min	-364.87	5.34	.00	.00	.00	-5.74
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
		1.06 .00	MAX	-126.04	.73	.00	.00	.00	-.64
			MIN	-370.42	5.34	.00	.00	.00	-.08
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF15						
		.00 1.06	MAX	-370.42	5.34	.00	.00	.00	-.08
			MIN	-149.06	.39	.00	.00	.00	-1.52
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF4						
		.00	MAX	-178.26	.97	4.99	-.03	16.79	.18

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
111	LK11	.00	MIN	-178.26	.97	.00	.00	.00	.18
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-178.26	.97	.00	.00	.00	.18
		.00	MIN	-178.26	.97	4.99	-.03	16.79	.18
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.06	MAX	-172.71	.97	2.32	-.03	20.67	-.85
		1.06	MIN	-172.71	.97	.00	.00	.00	-.85
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-268.26	2.88	.00	.00	.00	1.83
		1.06	MIN	-364.87	5.34	.00	.00	.00	-5.74
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
112	LK10	.00	max	60.31	-.79	.00	.00	.00	.00
			min	-1597.85	7.40	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF10 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-920.49	8.76	.00	.00	.00	.00
			min	-651.32	-1.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	-137.57	.47	.57	.00	-17.19	.00
			min	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-137.57	.47	.00	.00	.00	.00
			min	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-137.57	.47	.00	.00	.00	.00
			min	-137.57	.47	.57	.00	-17.19	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-137.57	.47	.00	.00	.00	.00
			min	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.33	max	61.74	-.79	.00	.00	.00	1.05
			min	-1596.42	7.40	.00	.00	.00	-9.89
			LF'e in Max: LF1 LF2 LF3 LF6 LF10 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-919.05	8.76	.00	.00	.00	-11.69
			min	-649.88	-1.47	.00	.00	.00	1.97
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	-136.14	.47	.57	.00	-16.42	-.62
			min	-136.14	.47	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-136.14	.47	.00	.00	.00	-.62
			min	-136.14	.47	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-136.14	.47	.00	.00	.00	-.62
			min	-136.14	.47	.57	.00	-16.42	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-649.88	-1.47	.00	.00	.00	1.97
			min	-919.05	8.76	.00	.00	.00	-11.69
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		1.33	MAX	61.74	-.79	.00	.00	.00	1.05
		.00	MIN	-1597.85	7.40	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF10 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00	MAX	-920.49	8.76	.00	.00	.00	.00
		.00	MIN	-651.32	-1.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
		.00	MAX	-137.57	.47	.57	.00	-17.19	.00
		.00	MIN	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-137.57	.47	.00	.00	.00	.00
		.00	MIN	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-137.57	.47	.00	.00	.00	.00
		.00	MIN	-137.57	.47	.57	.00	-17.19	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33	MAX	-649.88	-1.47	.00	.00	.00	1.97
		1.33	MIN	-919.05	8.76	.00	.00	.00	-11.69
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
	LK11	.00	max	15.50	-.09	.00	.00	.00	.00
			min	-798.63	-.67	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-697.56	6.45	.00	.00	.00	.00
			min	-798.63	-.67	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-137.57	.47	.64	.00	-19.10	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
112	LK11	.00	min	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-137.57	.47	.00	.00	.00	.00
			min	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-137.57	.47	.00	.00	.00	.00
			min	-137.57	.47	.64	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-137.57	.47	.00	.00	.00	.00
			min	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.33	max	16.94	-.09	.00	.00	.00	.11
			min	-797.19	-.67	.00	.00	.00	.90
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-696.13	6.45	.00	.00	.00	-8.61
			min	-797.19	-.67	.00	.00	.00	.90
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-136.14	.47	.64	.00	-18.25	-.62
			min	-136.14	.47	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-136.14	.47	.00	.00	.00	-.62
			min	-136.14	.47	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-136.14	.47	.00	.00	.00	-.62
			min	-136.14	.47	.64	.00	-18.25	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-797.19	-.67	.00	.00	.00	.90
			min	-696.13	6.45	.00	.00	.00	-8.61
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.33 .00	MAX	16.94	-.09	.00	.00	.00	.11
			MIN	-798.63	-.67	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-697.56	6.45	.00	.00	.00	.00
			MIN	-798.63	-.67	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-137.57	.47	.64	.00	-19.10	.00
			MIN	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-137.57	.47	.00	.00	.00	.00
			MIN	-137.57	.47	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-137.57	.47	.00	.00	.00	.00
			MIN	-137.57	.47	.64	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33 1.33	MAX	-797.19	-.67	.00	.00	.00	.90
			MIN	-696.13	6.45	.00	.00	.00	-8.61
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
113	LK10	.00	max	25.14	.93	.00	.00	.00	1.05
			min	-1360.92	-7.60	.00	.00	.00	-9.89
			LF'e in Max: LF1 LF2 LF3 LF6 LF10 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-68.41	1.13	.00	.00	.00	1.54
			min	-651.96	-8.22	.00	.00	.00	-11.69
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-126.27	-.40	.57	.00	-16.42	-.62
			min	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-126.27	-.40	.00	.00	.00	-.62
			min	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-126.27	-.40	.00	.00	.00	-.62
			min	-126.27	-.40	.57	.00	-16.42	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-693.76	.89	.00	.00	.00	1.97
			min	-651.96	-8.22	.00	.00	.00	-11.69
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		1.87	max	27.15	.93	.00	.00	.00	-.70
			min	-1358.91	-7.60	.00	.00	.00	4.33
			LF'e in Max: LF1 LF2 LF3 LF6 LF10 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-66.40	1.13	.00	.00	.00	-.58
			min	-649.95	-8.22	.00	.00	.00	3.67
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-124.26	-.40	.57	.00	-15.35	.12

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
113	LK10	1.87	min	-124.26	-.40	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-124.26	-.40	.00	.00	.00	.12
			min	-124.26	-.40	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-124.26	-.40	.00	.00	.00	.12
			min	-124.26	-.40	.57	.00	-15.35	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-1358.91	-7.60	.00	.00	.00	4.33
			min	21.84	.97	.00	.00	.00	-.71
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12						
		1.87 .00	MAX	27.15	.93	.00	.00	.00	-.70
			MIN	-1360.92	-7.60	.00	.00	.00	-9.89
			LF'e in Max: LF1 LF2 LF3 LF6 LF10 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00 .00	MAX	-68.41	1.13	.00	.00	.00	1.54
			MIN	-651.96	-8.22	.00	.00	.00	-11.69
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00 .00	MAX	-126.27	-.40	.57	.00	-16.42	-.62
			MIN	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-126.27	-.40	.00	.00	.00	-.62
			MIN	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.87 .00	MAX	-124.26	-.40	.00	.00	.00	.12
			MIN	-126.27	-.40	.57	.00	-16.42	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.87 .00	MAX	-1358.91	-7.60	.00	.00	.00	4.33
			MIN	-651.96	-8.22	.00	.00	.00	-11.69
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
	LK11	.00	max	4.24	.26	.00	.00	.00	.11
			min	-815.95	.10	.00	.00	.00	.90
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-121.11	.37	.00	.00	.00	.42
			min	-493.57	-6.06	.00	.00	.00	-8.61
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-126.27	-.40	.64	.00	-18.25	-.62
			min	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-126.27	-.40	.00	.00	.00	-.62
			min	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-126.27	-.40	.00	.00	.00	-.62
			min	-126.27	-.40	.64	.00	-18.25	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-815.95	.10	.00	.00	.00	.90
			min	-493.57	-6.06	.00	.00	.00	-8.61
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		1.87	max	6.25	.26	.00	.00	.00	-.37
			min	-813.94	.10	.00	.00	.00	.71
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-119.10	.37	.00	.00	.00	-.28
			min	-491.56	-6.06	.00	.00	.00	2.71
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-124.26	-.40	.64	.00	-17.06	.12
			min	-124.26	-.40	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-124.26	-.40	.00	.00	.00	.12
			min	-124.26	-.40	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-124.26	-.40	.00	.00	.00	.12
			min	-124.26	-.40	.64	.00	-17.06	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-491.56	-6.06	.00	.00	.00	2.71
			min	6.25	.26	.00	.00	.00	-.37
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		1.87 .00	MAX	6.25	.26	.00	.00	.00	-.37
			MIN	-815.95	.10	.00	.00	.00	.90
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-121.11	.37	.00	.00	.00	.42
			MIN	-493.57	-6.06	.00	.00	.00	-8.61
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-126.27	-.40	.64	.00	-18.25	-.62

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
113	LK11	.00	MIN	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-126.27	-.40	.00	.00	.00	-.62
		.00	MIN	-126.27	-.40	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.87	MAX	-124.26	-.40	.00	.00	.00	.12
		.00	MIN	-126.27	-.40	.64	.00	-18.25	-.62
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.87	MAX	-491.56	-6.06	.00	.00	.00	2.71
		.00	MIN	-493.57	-6.06	.00	.00	.00	-8.61
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF15						
114	LK10	.00	max	8.42	.08	.00	.00	.00	-.35
			min	-1193.00	2.22	.00	.00	.00	4.33
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-1100.04	2.24	.00	.00	.00	4.20
			min	-92.93	.01	.00	.00	.00	-.57
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10 LF14						
			max	-116.50	.24	.57	.00	-15.35	.12
			min	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-116.50	.24	.00	.00	.00	.12
			min	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-116.50	.24	.00	.00	.00	.12
			min	-116.50	.24	.57	.00	-15.35	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-1193.00	2.22	.00	.00	.00	4.33
			min	-6.33	.03	.00	.00	.00	-.71
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12						
		1.88	max	10.44	.08	.00	.00	.00	-.49
			min	-1190.98	2.22	.00	.00	.00	.16
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-1098.02	2.24	.00	.00	.00	.00
			min	-90.91	.01	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10 LF14						
			max	-114.49	.24	.57	.00	-14.28	-.33
			min	-114.49	.24	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-114.49	.24	.00	.00	.00	-.33
			min	-114.49	.24	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-114.49	.24	.00	.00	.00	-.33
			min	-114.49	.24	.57	.00	-14.28	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-503.59	1.74	.00	.00	.00	.49
			min	-50.47	.13	.00	.00	.00	-.91
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
		1.88	MAX	10.44	.08	.00	.00	.00	-.49
		.00	MIN	-1193.00	2.22	.00	.00	.00	4.33
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00	MAX	-1100.04	2.24	.00	.00	.00	4.20
		.00	MIN	-92.93	.01	.00	.00	.00	-.57
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10 LF14						
		.00	MAX	-116.50	.24	.57	.00	-15.35	.12
		.00	MIN	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-116.50	.24	.00	.00	.00	.12
		.00	MIN	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-116.50	.24	.00	.00	.00	.12
		.00	MIN	-116.50	.24	.57	.00	-15.35	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-1193.00	2.22	.00	.00	.00	4.33
		1.88	MIN	-50.47	.13	.00	.00	.00	-.91
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
	LK11	.00	max	-2.79	.11	.00	.00	.00	-.37
			min	-828.99	.66	.00	.00	.00	.71
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-337.83	1.36	.00	.00	.00	2.71
			min	-2.79	.11	.00	.00	.00	-.37
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-116.50	.24	.64	.00	-17.06	.12

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
114	LK11	.00	min	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-116.50	.24	.00	.00	.00	.12
			min	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-116.50	.24	.00	.00	.00	.12
			min	-116.50	.24	.64	.00	-17.06	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-337.83	1.36	.00	.00	.00	2.71
			min	-2.79	.11	.00	.00	.00	-.37
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		1.88	max	-.77	.11	.00	.00	.00	-.59
			min	-826.98	.66	.00	.00	.00	-.54
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-335.81	1.36	.00	.00	.00	.17
			min	-.77	.11	.00	.00	.00	-.59
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-114.49	.24	.64	.00	-15.87	-.33
			min	-114.49	.24	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-114.49	.24	.00	.00	.00	-.33
			min	-114.49	.24	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-114.49	.24	.00	.00	.00	-.33
			min	-114.49	.24	.64	.00	-15.87	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-335.81	1.36	.00	.00	.00	.17
			min	-130.88	.19	.00	.00	.00	-.64
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		1.88 .00	MAX	-.77	.11	.00	.00	.00	-.59
			MIN	-828.99	.66	.00	.00	.00	.71
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-337.83	1.36	.00	.00	.00	2.71
			MIN	-2.79	.11	.00	.00	.00	-.37
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	-116.50	.24	.64	.00	-17.06	.12
			MIN	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-116.50	.24	.00	.00	.00	.12
			MIN	-116.50	.24	.00	.00	.00	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-116.50	.24	.00	.00	.00	.12
			MIN	-116.50	.24	.64	.00	-17.06	.12
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.88	MAX	-337.83	1.36	.00	.00	.00	2.71
			MIN	-130.88	.19	.00	.00	.00	-.64
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
115	LK10	.00	max	1.67	-1.08	.00	.00	.00	-.49
			min	-1025.96	2.49	.00	.00	.00	.16
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-224.61	6.23	.00	.00	.00	.32
			min	-799.67	-4.82	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF4 LF6 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14						
			max	-106.10	-.61	.57	.00	-14.28	-.33
			min	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-106.10	-.61	.00	.00	.00	-.33
			min	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-106.10	-.61	.00	.00	.00	-.33
			min	-106.10	-.61	.57	.00	-14.28	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-322.31	5.98	.00	.00	.00	.49
			min	-75.65	-2.56	.00	.00	.00	-.91
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12						
		.94	max	2.68	-1.08	.00	.00	.00	.52
			min	-1024.95	2.49	.00	.00	.00	-2.18
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-223.60	6.23	.00	.00	.00	-5.53
			min	-798.66	-4.82	.00	.00	.00	3.88
			LF'e in Max: LF1 LF2 LF4 LF6 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14						
			max	-105.09	-.61	.57	.00	-13.74	.24

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
115	LK10	.94	min	-105.09	-.61	.00	.00	.00	.24
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-105.09	-.61	.00	.00	.00	.24
			min	-105.09	-.61	.00	.00	.00	.24
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-105.09	-.61	.00	.00	.00	.24
			min	-105.09	-.61	.57	.00	-13.74	.24
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-798.66	-4.82	.00	.00	.00	3.88
			min	-223.60	6.23	.00	.00	.00	-5.53
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF6 LF15						
		.94 .00	MAX	2.68	-1.08	.00	.00	.00	.52
			MIN	-1025.96	2.49	.00	.00	.00	.16
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00 .00	MAX	-224.61	6.23	.00	.00	.00	.32
			MIN	-799.67	-4.82	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF4 LF6 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14						
		.00 .00	MAX	-106.10	-.61	.57	.00	-14.28	-.33
			MIN	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-106.10	-.61	.00	.00	.00	-.33
			MIN	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.94 .00	MAX	-105.09	-.61	.00	.00	.00	.24
			MIN	-106.10	-.61	.57	.00	-14.28	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.94 .94	MAX	-798.66	-4.82	.00	.00	.00	3.88
			MIN	-223.60	6.23	.00	.00	.00	-5.53
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF6 LF15						
	LK11	.00	max	-9.71	-1.28	.00	.00	.00	-.59
			min	-840.29	-4.20	.00	.00	.00	-.54
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-177.44	5.18	.00	.00	.00	.17
			min	-840.29	-4.20	.00	.00	.00	-.54
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-106.10	-.61	.64	.00	-15.87	-.33
			min	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-106.10	-.61	.00	.00	.00	-.33
			min	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-106.10	-.61	.00	.00	.00	-.33
			min	-106.10	-.61	.64	.00	-15.87	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-177.44	5.18	.00	.00	.00	.17
			min	-144.37	-1.97	.00	.00	.00	-.64
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
		.94	max	-8.70	-1.28	.00	.00	.00	.61
			min	-839.28	-4.20	.00	.00	.00	3.41
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-176.43	5.18	.00	.00	.00	-4.70
			min	-839.28	-4.20	.00	.00	.00	3.41
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-105.09	-.61	.64	.00	-15.27	.24
			min	-105.09	-.61	.00	.00	.00	.24
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-105.09	-.61	.00	.00	.00	.24
			min	-105.09	-.61	.00	.00	.00	.24
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-105.09	-.61	.00	.00	.00	.24
			min	-105.09	-.61	.64	.00	-15.27	.24
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-839.28	-4.20	.00	.00	.00	3.41
			min	-176.43	5.18	.00	.00	.00	-4.70
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.94 .00	MAX	-8.70	-1.28	.00	.00	.00	.61
			MIN	-840.29	-4.20	.00	.00	.00	-.54
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-177.44	5.18	.00	.00	.00	.17
			MIN	-840.29	-4.20	.00	.00	.00	-.54
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	-106.10	-.61	.64	.00	-15.87	-.33

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
115	LK11	.00	MIN	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-106.10	-.61	.00	.00	.00	-.33
		.00	MIN	-106.10	-.61	.00	.00	.00	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.94	MAX	-105.09	-.61	.00	.00	.00	.24
		.00	MIN	-106.10	-.61	.64	.00	-15.87	-.33
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.94	MAX	-839.28	-4.20	.00	.00	.00	3.41
		.94	MIN	-176.43	5.18	.00	.00	.00	-4.70
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
116	LK10	.00	max	2.05	.38	.00	.00	.00	-.07
			min	-979.65	9.07	.00	.00	.00	9.08
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-979.65	9.07	.00	.00	.00	9.08
			min	-26.17	.23	.00	.00	.00	-.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10						
			max	-104.69	1.04	.61	-.02	5.77	.73
			min	-104.69	1.04	.00	.00	.00	.73
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-104.69	1.04	.00	.00	.00	.73
			min	-104.69	1.04	.61	-.02	5.77	.73
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-104.69	1.04	.61	-.02	5.77	.73
			min	-104.69	1.04	.00	.00	.00	.73
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-979.65	9.07	.00	.00	.00	9.08
			min	-33.67	.24	.00	.00	.00	-.44
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF12						
		1.06	max	3.18	.38	.00	.00	.00	-.47
			min	-978.51	9.07	.00	.00	.00	-.53
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
			max	-978.51	9.07	.00	.00	.00	-.53
			min	-25.04	.23	.00	.00	.00	-.68
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10						
			max	-103.56	1.04	.61	-.02	6.42	-.38
			min	-103.56	1.04	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-103.56	1.04	.00	.00	.00	-.38
			min	-103.56	1.04	.61	-.02	6.42	-.38
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-103.56	1.04	.61	-.02	6.42	-.38
			min	-103.56	1.04	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-217.62	3.01	.00	.00	.00	-.15
			min	-131.14	4.58	.00	.00	.00	-.88
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		1.06	MAX	3.18	.38	.00	.00	.00	-.47
		.00	MIN	-979.65	9.07	.00	.00	.00	9.08
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14 LF15						
		.00	MAX	-979.65	9.07	.00	.00	.00	9.08
		.00	MIN	-26.17	.23	.00	.00	.00	-.43
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF10						
		.00	MAX	-104.69	1.04	.61	-.02	5.77	.73
		.00	MIN	-104.69	1.04	.00	.00	.00	.73
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-104.69	1.04	.00	.00	.00	.73
		.00	MIN	-104.69	1.04	.61	-.02	5.77	.73
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.06	MAX	-103.56	1.04	.61	-.02	6.42	-.38
		1.06	MIN	-103.56	1.04	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-979.65	9.07	.00	.00	.00	9.08
		1.06	MIN	-131.14	4.58	.00	.00	.00	-.88
			LF'e in Max: LF1 LF2 LF4 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
	LK11	.00	max	-9.37	.55	.00	.00	.00	.00
			min	-840.56	2.96	.00	.00	.00	2.53
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-166.80	5.37	.00	.00	.00	5.29
			min	-9.37	.55	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-104.69	1.04	.67	-.03	6.42	.73

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
116	LK11	.00	min	-104.69	1.04	.00	.00	.00	.73
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-104.69	1.04	.00	.00	.00	.73
			min	-104.69	1.04	.67	-.03	6.42	.73
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-104.69	1.04	.67	-.03	6.42	.73
			min	-104.69	1.04	.00	.00	.00	.73
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-166.80	5.37	.00	.00	.00	5.29
			min	-9.37	.55	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		1.06	max	-8.23	.55	.00	.00	.00	-.58
			min	-839.42	2.96	.00	.00	.00	-.60
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
			max	-165.66	5.37	.00	.00	.00	-.40
			min	-8.23	.55	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-103.56	1.04	.67	-.03	7.13	-.38
			min	-103.56	1.04	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-103.56	1.04	.00	.00	.00	-.38
			min	-103.56	1.04	.67	-.03	7.13	-.38
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-103.56	1.04	.67	-.03	7.13	-.38
			min	-103.56	1.04	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-172.69	2.29	.00	.00	.00	-.27
			min	-143.24	.89	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2 LF12						
		1.06 .00	MAX	-8.23	.55	.00	.00	.00	-.58
			MIN	-840.56	2.96	.00	.00	.00	2.53
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	-166.80	5.37	.00	.00	.00	5.29
			MIN	-9.37	.55	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	-104.69	1.04	.67	-.03	6.42	.73
			MIN	-104.69	1.04	.00	.00	.00	.73
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-104.69	1.04	.00	.00	.00	.73
			MIN	-104.69	1.04	.67	-.03	6.42	.73
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.06 1.06	MAX	-103.56	1.04	.67	-.03	7.13	-.38
			MIN	-103.56	1.04	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 1.06	MAX	-166.80	5.37	.00	.00	.00	5.29
			MIN	-143.24	.89	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF12						
117	LK10	.00	max	87.73	.88	.00	.00	.00	-.49
			min	-855.24	-.43	.00	.00	.00	-.52
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-35.08	1.53	.00	.00	.00	-.16
			min	-732.43	-1.08	.00	.00	.00	-.84
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-94.89	-.15	.61	-.02	6.42	-.38
			min	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-94.89	-.15	.00	.00	.00	-.38
			min	-94.89	-.15	.61	-.02	6.42	-.38
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-94.89	-.15	.61	-.02	6.42	-.38
			min	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-129.96	.40	.00	.00	.00	-.15
			min	-9.64	.53	.00	.00	.00	-.88
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF12 LF15						
		2.12	max	90.01	.88	.00	.00	.00	-2.35
			min	-852.96	-.43	.00	.00	.00	.39
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
			max	-32.80	1.53	.00	.00	.00	-3.40
			min	-730.15	-1.08	.00	.00	.00	1.45
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	-92.61	-.15	.61	-.02	7.70	-.06

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
117	LK10	2.12	min	-92.61	-.15	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-92.61	-.15	.00	.00	.00	-.06
			min	-92.61	-.15	.61	-.02	7.70	-.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-92.61	-.15	.61	-.02	7.70	-.06
			min	-92.61	-.15	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-690.82	-1.02	.00	.00	.00	1.48
			min	-72.13	1.46	.00	.00	.00	-3.44
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
		2.12	MAX	90.01	.88	.00	.00	.00	-2.35
		.00	MIN	-855.24	-.43	.00	.00	.00	-.52
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF13 LF14						
		.00	MAX	-35.08	1.53	.00	.00	.00	-.16
		.00	MIN	-732.43	-1.08	.00	.00	.00	-.84
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
		.00	MAX	-94.89	-.15	.61	-.02	6.42	-.38
		.00	MIN	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-94.89	-.15	.00	.00	.00	-.38
		.00	MIN	-94.89	-.15	.61	-.02	6.42	-.38
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.12	MAX	-92.61	-.15	.61	-.02	7.70	-.06
		.00	MIN	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.12	MAX	-690.82	-1.02	.00	.00	.00	1.48
		2.12	MIN	-72.13	1.46	.00	.00	.00	-3.44
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
	LK11	.00	max	10.54	1.10	.00	.00	.00	-.40
			min	-857.05	-1.00	.00	.00	.00	-.60
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	10.54	1.10	.00	.00	.00	-.40
			min	-857.05	-1.00	.00	.00	.00	-.60
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-94.89	-.15	.67	-.03	7.13	-.38
			min	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-94.89	-.15	.00	.00	.00	-.38
			min	-94.89	-.15	.67	-.03	7.13	-.38
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-94.89	-.15	.67	-.03	7.13	-.38
			min	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-115.70	.21	.00	.00	.00	-.27
			min	-159.38	-.46	.00	.00	.00	-.62
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2 LF12						
		2.12	max	12.81	1.10	.00	.00	.00	-2.74
			min	-854.77	-1.00	.00	.00	.00	1.52
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	12.81	1.10	.00	.00	.00	-2.74
			min	-854.77	-1.00	.00	.00	.00	1.52
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	-92.61	-.15	.67	-.03	8.56	-.06
			min	-92.61	-.15	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-92.61	-.15	.00	.00	.00	-.06
			min	-92.61	-.15	.67	-.03	8.56	-.06
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-92.61	-.15	.67	-.03	8.56	-.06
			min	-92.61	-.15	.00	.00	.00	-.06
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-854.77	-1.00	.00	.00	.00	1.52
			min	12.81	1.10	.00	.00	.00	-2.74
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		2.12	MAX	12.81	1.10	.00	.00	.00	-2.74
		.00	MIN	-857.05	-1.00	.00	.00	.00	-.60
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	10.54	1.10	.00	.00	.00	-.40
		.00	MIN	-857.05	-1.00	.00	.00	.00	-.60
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	-94.89	-.15	.67	-.03	7.13	-.38

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
117	LK11	.00	MIN	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-94.89	-.15	.00	.00	.00	-.38
		.00	MIN	-94.89	-.15	.67	-.03	7.13	-.38
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.12	MAX	-92.61	-.15	.67	-.03	8.56	-.06
		.00	MIN	-94.89	-.15	.00	.00	.00	-.38
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.12	MAX	-854.77	-1.00	.00	.00	.00	1.52
		2.12	MIN	12.81	1.10	.00	.00	.00	-2.74
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
118	LK10	.00	max	231.08	.00	.22			
			min	-38.94	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	7.79	.00	.22			
			min	7.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.79	.00	.22			
			min	7.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	231.37	.00	-.22			
			min	-38.65	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	8.08	.00	-.22			
			min	8.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	8.08	.00	-.22			
			min	8.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	MAX	231.37	.00	-.22			
		.00	MIN	-38.94	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
		.00	MAX	7.79	.00	.22			
		.00	MIN	7.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	7.79	.00	.22			
		1.69	MIN	8.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	175.31	.00	.22			
			min	-17.15	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	7.79	.00	.22			
			min	7.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.79	.00	.22			
			min	7.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	175.61	.00	-.22			
			min	-16.86	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	8.08	.00	-.22			
			min	8.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	8.08	.00	-.22			
			min	8.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	MAX	175.61	.00	-.22			
		.00	MIN	-17.15	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	7.79	.00	.22			
		.00	MIN	7.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	7.79	.00	.22			
		1.69	MIN	8.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
119	LK10	.00	max	41.49	.00	.22			
			min	-251.73	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-9.12	.00	.22			
			min	-9.12	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-9.12	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
119	LK10	.00	min	-9.12	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	41.78	.00	-.22			
			min	-251.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-8.83	.00	-.22			
			min	-8.83	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-8.83	.00	-.22			
			min	-8.83	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69 .00	MAX	41.78	.00	-.22			
			MIN	-251.73	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00 .00	MAX	-9.12	.00	.22			
			MIN	-9.12	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.69	MAX	-9.12	.00	.22			
			MIN	-8.83	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	17.79	.00	.22			
			min	-190.60	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-9.12	.00	.22			
			min	-9.12	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-9.12	.00	.22			
			min	-9.12	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	18.08	.00	-.22			
			min	-190.31	.00	-.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-8.83	.00	-.22			
			min	-8.83	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-8.83	.00	-.22			
			min	-8.83	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69 .00	MAX	18.08	.00	-.22			
			MIN	-190.60	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-9.12	.00	.22			
			MIN	-9.12	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.69	MAX	-9.12	.00	.22			
			MIN	-8.83	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
120	LK10	.00	max	178.53	.00	.22			
			min	-31.71	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	6.79	.00	.22			
			min	6.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.79	.00	.22			
			min	6.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	178.82	.00	-.22			
			min	-31.42	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	7.08	.00	-.22			
			min	7.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.08	.00	-.22			
			min	7.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69 .00	MAX	178.82	.00	-.22			
			MIN	-31.71	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
		.00 .00	MAX	6.79	.00	.22			
			MIN	6.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.79	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
120	LK10	1.69	MIN	7.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	143.05	.00	.22			
			min	-13.92	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.79	.00	.22			
			min	6.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.79	.00	.22			
			min	6.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	143.34	.00	-.22			
			min	-13.63	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	7.08	.00	-.22			
			min	7.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.08	.00	-.22			
			min	7.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69 .00	MAX	143.34	.00	-.22			
			MIN	-13.92	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	6.79	.00	.22			
			MIN	6.79	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.69	MAX	6.79	.00	.22			
			MIN	7.08	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
121	LK10	.00	max	30.87	.00	.22			
			min	-166.73	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-6.31	.00	.22			
			min	-6.31	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.31	.00	.22			
			min	-6.31	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	31.17	.00	-.22			
			min	-166.44	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-6.01	.00	-.22			
			min	-6.01	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.01	.00	-.22			
			min	-6.01	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69 .00	MAX	31.17	.00	-.22			
			MIN	-166.73	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00 .00	MAX	-6.31	.00	.22			
			MIN	-6.31	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.69	MAX	-6.31	.00	.22			
			MIN	-6.01	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	14.30	.00	.22			
			min	-134.45	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-6.31	.00	.22			
			min	-6.31	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.31	.00	.22			
			min	-6.31	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	max	14.59	.00	-.22			
			min	-134.16	.00	-.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
			max	-6.01	.00	-.22			
			min	-6.01	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-6.01	.00	-.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
121	LK11	1.69	min	-6.01	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.69	MAX	14.59	.00	-.22			
		.00	MIN	-134.45	.00	.22			
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-6.31	.00	.22			
		.00	MIN	-6.31	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-6.31	.00	.22			
		1.69	MIN	-6.01	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
122	LK10	.00	max	172.64	.00	.22			
			min	-33.43	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	6.43	.00	.22			
			min	6.43	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.43	.00	.22			
			min	6.43	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70	max	172.93	.00	-.22			
			min	-33.14	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
			max	6.73	.00	-.22			
			min	6.73	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.73	.00	-.22			
			min	6.73	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70	MAX	172.93	.00	-.22			
		.00	MIN	-33.43	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14						
		.00	MAX	6.43	.00	.22			
		.00	MIN	6.43	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.43	.00	.22			
		1.70	MIN	6.73	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	144.57	.00	.22			
			min	-15.56	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.43	.00	.22			
			min	6.43	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.43	.00	.22			
			min	6.43	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70	max	144.86	.00	-.22			
			min	-15.26	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.73	.00	-.22			
			min	6.73	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.73	.00	-.22			
			min	6.73	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70	MAX	144.86	.00	-.22			
		.00	MIN	-15.56	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	6.43	.00	.22			
		.00	MIN	6.43	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.43	.00	.22			
		1.70	MIN	6.73	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
123	LK10	.00	max	28.75	.00	.22			
			min	-168.00	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-7.75	.00	.22			
			min	-7.75	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.75	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
123	LK10	.00	min	-7.75	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70	max	29.04	.00	-.22			
			min	-167.70	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
			max	-7.46	.00	-.22			
			min	-7.46	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.46	.00	-.22			
			min	-7.46	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70 .00	MAX	29.04	.00	-.22			
			MIN	-168.00	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF14 LF'e in Min: LF1 LF2 LF4 LF5 LF15						
		.00 .00	MAX	-7.75	.00	.22			
			MIN	-7.75	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.70	MAX	-7.75	.00	.22			
			MIN	-7.46	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	11.21	.00	.22			
			min	-140.26	.00	.22			
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-7.75	.00	.22			
			min	-7.75	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.75	.00	.22			
			min	-7.75	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70	max	11.51	.00	-.22			
			min	-139.97	.00	-.22			
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-7.46	.00	-.22			
			min	-7.46	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.46	.00	-.22			
			min	-7.46	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.70 .00	MAX	11.51	.00	-.22			
			MIN	-140.26	.00	.22			
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00 .00	MAX	-7.75	.00	.22			
			MIN	-7.75	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.70	MAX	-7.75	.00	.22			
			MIN	-7.46	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
124	LK10	.00	max	197.09	.00	.22			
			min	-30.89	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	5.85	.00	.22			
			min	5.85	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.85	.00	.22			
			min	5.85	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	max	197.42	.00	-.22			
			min	-30.55	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	6.18	.00	-.22			
			min	6.18	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.18	.00	-.22			
			min	6.18	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77 .00	MAX	197.42	.00	-.22			
			MIN	-30.89	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
		.00 .00	MAX	5.85	.00	.22			
			MIN	5.85	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	5.85	.00	.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
124	LK10	1.77	MIN	6.18	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	143.45	.00	.22			
			min	-17.78	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	5.85	.00	.22			
			min	5.85	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.85	.00	.22			
			min	5.85	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	max	143.78	.00	-.22			
			min	-17.45	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.18	.00	-.22			
			min	6.18	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.18	.00	-.22			
			min	6.18	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77 .00	MAX	143.78	.00	-.22			
			MIN	-17.78	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00 .00	MAX	5.85	.00	.22			
			MIN	5.85	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.77	MAX	5.85	.00	.22			
			MIN	6.18	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
125	LK10	.00	max	27.01	.00	.22			
			min	-204.78	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	-7.67	.00	.22			
			min	-7.67	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.67	.00	.22			
			min	-7.67	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	max	27.35	.00	-.22			
			min	-204.45	.00	-.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	-7.34	.00	-.22			
			min	-7.34	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.34	.00	-.22			
			min	-7.34	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77 .00	MAX	27.35	.00	-.22			
			MIN	-204.78	.00	.22			
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
		.00 .00	MAX	-7.67	.00	.22			
			MIN	-7.67	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.77	MAX	-7.67	.00	.22			
			MIN	-7.34	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	12.89	.00	.22			
			min	-149.11	.00	.22			
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-7.67	.00	.22			
			min	-7.67	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.67	.00	.22			
			min	-7.67	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	max	13.22	.00	-.22			
			min	-148.78	.00	-.22			
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
			max	-7.34	.00	-.22			
			min	-7.34	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-7.34	.00	-.22			

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
125	LK11	1.77	min	-7.34	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	MAX	13.22	.00	-.22			
		.00	MIN	-149.11	.00	.22			
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	-7.67	.00	.22			
		.00	MIN	-7.67	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-7.67	.00	.22			
		1.77	MIN	-7.34	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
126	LK10	.00	max	189.66	.00	.22			
			min	-30.79	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	5.96	.00	.22			
			min	5.96	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.96	.00	.22			
			min	5.96	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	max	190.00	.00	-.22			
			min	-30.45	.00	-.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	6.29	.00	-.22			
			min	6.29	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.29	.00	-.22			
			min	6.29	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	MAX	190.00	.00	-.22			
		.00	MIN	-30.79	.00	.22			
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
		.00	MAX	5.96	.00	.22			
		.00	MIN	5.96	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	5.96	.00	.22			
		1.77	MIN	6.29	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	143.51	.00	.22			
			min	-17.66	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	5.96	.00	.22			
			min	5.96	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.96	.00	.22			
			min	5.96	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	max	143.84	.00	-.22			
			min	-17.32	.00	-.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	6.29	.00	-.22			
			min	6.29	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.29	.00	-.22			
			min	6.29	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.77	MAX	143.84	.00	-.22			
		.00	MIN	-17.66	.00	.22			
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	5.96	.00	.22			
		.00	MIN	5.96	.00	.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	5.96	.00	.22			
		1.77	MIN	6.29	.00	-.22			
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
127	LK10	.00	max	7.11	.00	1.99	.00	-1.19	.00
			min	-32.78	.00	-26.69	.00	4.85	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF'e in Min: LF1 LF2 LF4 LF6 LF14 LF15						
			max	1.65	.00	-.39	.00	.06	.00
			min	1.65	-.03	-.39	19.52	.06	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.41	.00	2.15	.00	-1.21	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
127	LK10	.00	min	-32.08	.00	-26.85	.00	4.87	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	1.65	-.03	-.39	19.52	.06	-.02
			min	1.65	.00	-.39	.00	.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-32.08	.00	-26.85	.00	4.87	.00
			min	6.41	.00	2.15	.00	-1.21	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF6 LF13						
			max	1.65	.00	-.39	.00	.06	.00
			min	1.65	-.03	-.39	19.52	.06	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.41	max	7.11	.00	1.99	.00	1.62	.00
			min	-32.78	.00	-26.69	.00	-32.83	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF'e in Min: LF1 LF2 LF4 LF6 LF14 LF15						
			max	1.65	.00	-.39	.00	-.49	.00
			min	1.65	-.03	-.39	19.52	-.49	.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.41	.00	2.15	.00	1.83	.00
			min	-32.08	.00	-26.85	.00	-33.04	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	1.65	-.03	-.39	19.52	-.49	.02
			min	1.65	.00	-.39	.00	-.49	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	2.55	.00	1.90	.00	1.84	.00
			min	-32.08	.00	-26.85	.00	-33.04	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF12 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
			max	1.65	-.03	-.39	19.52	-.49	.02
			min	1.65	.00	-.39	.00	-.49	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	7.11	.00	1.99	.00	-1.19	.00
		.00	MIN	-32.78	.00	-26.69	.00	4.85	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF'e in Min: LF1 LF2 LF4 LF6 LF14 LF15						
		.00	MAX	1.65	.00	-.39	.00	.06	.00
		.00	MIN	1.65	-.03	-.39	19.52	.06	-.02
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	6.41	.00	2.15	.00	-1.21	.00
		.00	MIN	-32.08	.00	-26.85	.00	4.87	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
		.00	MAX	1.65	-.03	-.39	19.52	.06	-.02
		.00	MIN	1.65	.00	-.39	.00	.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-32.08	.00	-26.85	.00	4.87	.00
		1.41	MIN	-32.08	.00	-26.85	.00	-33.04	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF14 LF15						
		1.41	MAX	1.65	-.03	-.39	19.52	-.49	.02
		.00	MIN	1.65	-.03	-.39	19.52	.06	-.02
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	7.16	.00	1.29	.00	-.94	.00
			min	-34.28	.00	-17.64	.00	.60	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF14						
			max	1.65	.00	-.39	.00	.06	.00
			min	1.65	-.04	-.39	21.68	.06	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.16	.00	1.29	.00	-.94	.00
			min	-34.28	.00	-17.64	.00	.60	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF14						
			max	1.65	-.04	-.39	21.68	.06	-.03
			min	1.65	.00	-.39	.00	.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	.19	.00	-9.63	.00	3.61	.00
			min	7.16	.00	1.29	.00	-.94	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF13						
			max	1.65	.00	-.39	.00	.06	.00
			min	1.65	-.04	-.39	21.68	.06	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.41	max	7.16	.00	1.29	.00	.88	.00
			min	-34.28	.00	-17.64	.00	-24.31	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF14						
			max	1.65	.00	-.39	.00	-.49	.00
			min	1.65	-.04	-.39	21.68	-.49	.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.16	.00	1.29	.00	.88	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
127	LK11	1.41	min	-34.28	.00	-17.64	.00	-24.31	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF14						
			max	1.65	-.04	-.39	21.68	-.49	.03
			min	1.65	.00	-.39	.00	-.49	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	2.86	.00	1.01	.00	.89	.00
			min	-34.28	.00	-17.64	.00	-24.31	.00
			LF'e in Max: LF1 LF2 LF12 LF'e in Min: LF1 LF2 LF14						
			max	1.65	-.04	-.39	21.68	-.49	.03
			min	1.65	.00	-.39	.00	-.49	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	7.16	.00	1.29	.00	-.94	.00
		.00	MIN	-34.28	.00	-17.64	.00	.60	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF14						
		.00	MAX	1.65	.00	-.39	.00	.06	.00
		.00	MIN	1.65	-.04	-.39	21.68	.06	-.03
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	7.16	.00	1.29	.00	-.94	.00
		.00	MIN	-34.28	.00	-17.64	.00	.60	.00
			LF'e in Max: LF1 LF2 LF13 LF'e in Min: LF1 LF2 LF14						
		.00	MAX	1.65	-.04	-.39	21.68	.06	-.03
		.00	MIN	1.65	.00	-.39	.00	.06	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	.19	.00	-9.63	.00	3.61	.00
		1.41	MIN	-34.28	.00	-17.64	.00	-24.31	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF14						
		1.41	MAX	1.65	-.04	-.39	21.68	-.49	.03
		.00	MIN	1.65	-.04	-.39	21.68	.06	-.03
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
131	LK10	.00	max	.00	.00	.00	.00	.00	.00
			min	-33.71	.00	-19.95	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-33.71	.00	-19.95	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.03	max	.00	.00	.00	.00	.00	.00
			min	-33.71	.00	-19.95	.00	-20.55	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-33.71	.00	-19.95	.00	-20.55	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-33.71	.00	-19.95	.00	-20.55	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-33.71	.00	-19.95	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
		.00	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
131	LK10	.00	MIN	-33.71	.00	-19.95	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
		.00 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.03 1.03	MAX	.00	.00	.00	.00	.00	.00
			MIN	-33.71	.00	-19.95	.00	-20.55	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
		.00 1.03	MAX	.00	.00	.00	.00	.00	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	.00	.00	.00	.00	.00	.00
			min	-37.45	.00	-22.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-37.45	.00	-22.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.03	max	.00	.00	.00	.00	.00	.00
			min	-37.45	.00	-22.17	.00	-22.84	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-37.45	.00	-22.17	.00	-22.84	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	-37.45	.00	-22.17	.00	-22.84	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-37.45	.00	-22.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
		.00 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-37.45	.00	-22.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
		.00 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.03 1.03	MAX	.00	.00	.00	.00	.00	.00
			MIN	-37.45	.00	-22.17	.00	-22.84	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF14						
		.00 1.03	MAX	.00	.00	.00	.00	.00	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
132	LK10	.00	max	33.71	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
132	LK10	.00	min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.46	max	33.71	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	33.71	.00	3.55	.00	-2.58	.00
			MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	3.55	.00	-2.58	.00
			MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.46	MAX	.00	.00	3.55	.00	-2.58	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	3.55	.00	-2.58	.00
			MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.46 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 1.46	MAX	.00	.00	3.55	.00	-2.58	.00
			MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	37.45	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	3.55	.00	-2.58	.00
			min	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.46	max	37.45	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
132	LK11	1.46	min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	37.45	.00	3.55	.00	-2.58	.00
		.00	MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF14 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	3.55	.00	-2.58	.00
		.00	MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	3.55	.00	-2.58	.00
		1.46	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	3.55	.00	-2.58	.00
		.00	MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.46	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	.00	.00	3.55	.00	-2.58	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	.00	.00	3.55	.00	-2.58	.00
		1.46	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
133	LK10	.00	max	-82.81	.00	-4.59	.00	26.11	.00
			min	-222.10	.00	66.93	.00	-456.45	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-143.46	.00	-5.72	.00	32.53	.00
			min	-143.46	-1.24	-5.72	.00	32.53	28.22
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-88.18	.00	95.88	.00	-545.52	.00
			min	-217.35	.00	-21.54	.00	46.94	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5						
			max	-143.46	.00	-5.72	.00	32.53	.00
			min	-143.46	-1.24	-5.72	.00	32.53	28.22
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-217.35	.00	-21.54	.00	46.94	.00
			min	-88.18	.00	95.88	.00	-545.52	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-143.46	-1.24	-5.72	.00	32.53	28.22
			min	-143.46	.00	-5.72	.00	32.53	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.23	max	-49.36	.00	-4.59	.00	2.11	.00
			min	-188.65	.00	91.36	.00	-42.51	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-110.00	10.62	-5.72	.00	2.63	3.70
			min	-110.00	.00	-5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-54.73	.00	95.88	.00	-44.09	.00
			min	-183.22	.00	-6.97	.00	3.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-110.00	.00	-5.72	.00	2.63	.00
			min	-110.00	10.62	-5.72	.00	2.63	3.70
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-183.22	.00	-6.97	.00	3.21	.00
			min	-54.73	.00	95.88	.00	-44.09	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
			max	-110.00	10.62	-5.72	.00	2.63	3.70
			min	-110.00	.00	-5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.23	MAX	-49.36	.00	-4.59	.00	2.11	.00
		.00	MIN	-222.10	.00	66.93	.00	-456.45	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		5.23	MAX	-110.00	10.62	-5.72	.00	2.63	3.70
		.00	MIN	-143.46	-1.24	-5.72	.00	32.53	28.22
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-88.18	.00	95.88	.00	-545.52	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
133	LK10	.00	MIN	-217.35	.00	-21.54	.00	46.94	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5						
		.00	MAX	-143.46	.00	-5.72	.00	32.53	.00
		.00	MIN	-143.46	-1.24	-5.72	.00	32.53	28.22
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-217.35	.00	-21.54	.00	46.94	.00
		.00	MIN	-88.18	.00	95.88	.00	-545.52	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF13 LF14 LF15						
		.52	MAX	-140.11	-.06	-5.72	.00	29.54	28.56
		5.23	MIN	-110.00	.00	-5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	-76.08	.00	-4.46	.00	25.39	.00
			min	-224.81	.00	-7.11	.00	40.47	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-143.46	.00	-5.72	.00	32.53	.00
			min	-143.46	-1.38	-5.72	.00	32.53	31.35
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-147.61	.00	70.66	.00	-402.04	.00
			min	-144.21	.00	-21.90	.00	40.60	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
			max	-143.46	.00	-5.72	.00	32.53	.00
			min	-143.46	-1.38	-5.72	.00	32.53	31.35
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-144.21	.00	-21.90	.00	40.60	.00
			min	-147.61	.00	70.66	.00	-402.04	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
			max	-143.46	-1.38	-5.72	.00	32.53	31.35
			min	-143.46	.00	-5.72	.00	32.53	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.23	max	-42.62	.00	-4.46	.00	2.05	.00
			min	-191.35	.00	-7.11	.00	3.27	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-110.00	11.80	-5.72	.00	2.63	4.11
			min	-110.00	.00	-5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-114.16	.00	70.66	.00	-32.49	.00
			min	-191.35	.00	-7.11	.00	3.27	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-110.00	.00	-5.72	.00	2.63	.00
			min	-110.00	11.80	-5.72	.00	2.63	4.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-191.35	.00	-7.11	.00	3.27	.00
			min	-114.16	.00	70.66	.00	-32.49	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	-110.00	11.80	-5.72	.00	2.63	4.11
			min	-110.00	.00	-5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		5.23	MAX	-42.62	.00	-4.46	.00	2.05	.00
		.00	MIN	-224.81	.00	-7.11	.00	40.47	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		5.23	MAX	-110.00	11.80	-5.72	.00	2.63	4.11
		.00	MIN	-143.46	-1.38	-5.72	.00	32.53	31.35
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-147.61	.00	70.66	.00	-402.04	.00
		.00	MIN	-144.21	.00	-21.90	.00	40.60	.00
			LF'e in Max: LF1 LF2 LF15 LF'e in Min: LF1 LF2 LF3						
		.00	MAX	-143.46	.00	-5.72	.00	32.53	.00
		.00	MIN	-143.46	-1.38	-5.72	.00	32.53	31.35
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-144.21	.00	-21.90	.00	40.60	.00
		.00	MIN	-147.61	.00	70.66	.00	-402.04	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF15						
		.52	MAX	-140.11	-.06	-5.72	.00	29.54	31.73
		5.23	MIN	-110.00	.00	-5.72	.00	2.63	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
134	LK10	.00	max	6.14	.00	15.01	.00	.00	.00
			min	-96.04	.00	-.03	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-9.57	.00	15.02	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
134	LK10	.00	min	-92.35	.00	-.04	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	max	6.93	.00	.87	.00	17.64	.00
			min	-96.04	.00	-.05	.00	-.10	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-8.78	.00	.88	.00	17.67	.00
			min	-92.34	.00	-.06	.00	-.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-8.78	.00	.88	.00	17.67	.00
			min	-92.34	.00	-.06	.00	-.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22 .00	MAX	6.93	.00	.87	.00	17.64	.00
			MIN	-96.04	.00	-.03	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.26	.00	8.39	.00	.00	.00
			MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 2.22	MAX	-9.57	.00	15.02	.00	.00	.00
			MIN	-92.34	.00	-.06	.00	-.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
		.00 .00	MAX	5.26	.00	8.39	.00	.00	.00
			MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.22 2.22	MAX	-8.78	.00	.88	.00	17.67	.00
			MIN	-92.34	.00	-.06	.00	-.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
		.00 2.22	MAX	5.26	.00	8.39	.00	.00	.00
			MIN	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	6.24	.00	15.74	.00	.00	.00
			min	-71.23	.00	8.27	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.24	.00	15.74	.00	.00	.00
			min	4.51	.00	-.64	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	max	7.07	.00	.90	.00	18.49	.00
			min	-70.80	.00	.47	.00	9.71	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.07	.00	.90	.00	18.49	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
134	LK11	2.22	min	4.46	.00	.21	.00	-.47	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.07	.00	.90	.00	18.49	.00
			min	4.46	.00	.21	.00	-.47	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	MAX	7.07	.00	.90	.00	18.49	.00
		.00	MIN	-71.23	.00	8.27	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		.00	MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.24	.00	15.74	.00	.00	.00
		.00	MIN	4.51	.00	-.64	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		.00	MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.22	MAX	7.07	.00	.90	.00	18.49	.00
		1.67	MIN	4.47	.00	.00	.00	-.53	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		2.22	MIN	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
135	LK10	.00	max	6.14	.00	15.00	.00	.00	.00
			min	-96.05	.00	.07	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-5.89	.00	15.00	.00	.00	.00
			min	-95.34	.00	-.05	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	max	6.94	.00	.86	.00	17.63	.00
			min	-96.05	.00	.05	.00	.12	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-5.10	.00	.86	.00	17.64	.00
			min	-95.34	.00	-.07	.00	-.13	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-5.10	.00	.86	.00	17.64	.00
			min	-95.34	.00	-.07	.00	-.13	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	MAX	6.94	.00	.86	.00	17.63	.00
		.00	MIN	-96.05	.00	.07	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		.00	MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-5.89	.00	15.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
135	LK10	2.22	MIN	-95.34	.00	-.07	.00	-.13	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		.00	MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.22	MAX	-5.10	.00	.86	.00	17.64	.00
		2.22	MIN	-95.34	.00	-.07	.00	-.13	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		2.22	MIN	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
	LK11	.00	max	6.24	.00	15.73	.00	.00	.00
			min	-71.23	.00	8.27	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	6.24	.00	15.73	.00	.00	.00
			min	4.51	.00	-.64	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	5.26	.00	8.39	.00	.00	.00
			min	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	max	7.07	.00	.89	.00	18.48	.00
			min	-70.80	.00	.47	.00	9.71	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	7.07	.00	.89	.00	18.48	.00
			min	4.46	.00	.21	.00	-.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.07	.00	.89	.00	18.48	.00
			min	4.46	.00	.21	.00	-.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.69	.00	.59	.00	9.98	.00
			min	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.22	MAX	7.07	.00	.89	.00	18.48	.00
		.00	MIN	-71.23	.00	8.27	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		.00	MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	6.24	.00	15.73	.00	.00	.00
		.00	MIN	4.51	.00	-.64	.00	.00	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		.00	MIN	5.26	.00	8.39	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.22	MAX	7.07	.00	.89	.00	18.48	.00
		1.67	MIN	4.47	.00	.00	.00	-.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.26	.00	8.39	.00	.00	.00
		2.22	MIN	5.69	.00	.59	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
136	LK10	.00	max	5.84	.00	20.35	.00	-24.40	.00
			min	-96.15	.00	1.86	.00	-2.83	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.08	18.68	11.50	.00	-13.90	17.79
			min	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-94.86	.00	21.56	.00	-26.18	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
136	LK10	.00	min	4.56	.00	.65	.00	-1.06	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.08	18.68	11.50	.00	-13.90	17.79
			min	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-11.16	.00	.77	.00	-.99	.00
			min	-91.17	.00	21.54	.00	-26.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	5.08	18.68	11.50	.00	-13.90	17.79
			min	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.33	max	6.32	.00	11.87	.00	-2.92	.00
			min	-96.15	.00	1.85	.00	-.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.34	18.68	6.83	.00	-1.69	-7.11
			min	5.34	.00	6.83	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-94.39	.00	13.08	.00	-3.09	.00
			min	4.56	.00	.64	.00	-.19	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.34	18.68	6.83	.00	-1.69	-7.11
			min	5.34	.00	6.83	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-80.04	.00	1.46	.00	.32	.00
			min	-21.81	.00	12.35	.00	-3.45	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	5.34	.00	6.83	.00	-1.69	.00
			min	5.34	18.68	6.83	.00	-1.69	-7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33 .00	MAX	6.32	.00	11.87	.00	-2.92	.00
			MIN	-96.15	.00	1.86	.00	-2.83	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.08	18.68	11.50	.00	-13.90	17.79
			MIN	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 1.33	MAX	-94.86	.00	21.56	.00	-26.18	.00
			MIN	4.56	.00	.64	.00	-.19	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
		.00 .00	MAX	5.08	18.68	11.50	.00	-13.90	17.79
			MIN	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.33 .00	MAX	-80.04	.00	1.46	.00	.32	.00
			MIN	-91.17	.00	21.54	.00	-26.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
		.00 1.33	MAX	5.08	18.68	11.50	.00	-13.90	17.79
			MIN	5.34	18.68	6.83	.00	-1.69	-7.11
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	5.93	.00	21.33	.00	-25.57	.00
			min	-71.46	.00	12.29	.00	-14.61	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.08	20.76	11.50	.00	-13.90	19.77
			min	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.93	.00	21.33	.00	-25.57	.00
			min	4.50	.00	-.55	.00	.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.08	20.76	11.50	.00	-13.90	19.77
			min	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.50	.00	-.55	.00	.37	.00
			min	5.93	.00	21.33	.00	-25.57	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.08	20.76	11.50	.00	-13.90	19.77
			min	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.33	max	6.43	.00	12.43	.00	-3.06	.00
			min	-71.20	.00	7.61	.00	-1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.34	20.76	6.83	.00	-1.69	-7.90
			min	5.34	.00	6.83	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.43	.00	12.43	.00	-3.06	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
136	LK11	1.33	min	4.47	.00	-.05	.00	-.03	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.34	20.76	6.83	.00	-1.69	-7.90
			min	5.34	.00	6.83	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.47	.00	-.05	.00	-.03	.00
			min	6.43	.00	12.43	.00	-3.06	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.34	.00	6.83	.00	-1.69	.00
			min	5.34	20.76	6.83	.00	-1.69	-7.90
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33	MAX	6.43	.00	12.43	.00	-3.06	.00
		.00	MIN	-71.46	.00	12.29	.00	-14.61	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.08	20.76	11.50	.00	-13.90	19.77
		.00	MIN	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	5.93	.00	21.33	.00	-25.57	.00
		.00	MIN	4.50	.00	-.55	.00	.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.08	20.76	11.50	.00	-13.90	19.77
		.00	MIN	5.08	.00	11.50	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	4.50	.00	-.55	.00	.37	.00
		.00	MIN	5.93	.00	21.33	.00	-25.57	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.08	20.76	11.50	.00	-13.90	19.77
		1.33	MIN	5.34	20.76	6.83	.00	-1.69	-7.90
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
137	LK10	.00	max	5.87	.00	19.89	.00	-18.24	.00
			min	-95.79	.00	-4.59	.00	4.58	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.09	35.27	11.42	-.10	-10.38	8.77
			min	5.09	.00	11.42	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.87	.00	19.89	.00	-18.24	.00
			min	-95.79	.00	-4.59	.00	4.58	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.09	.00	11.42	.00	-10.38	.00
			min	5.09	35.27	11.42	-.10	-10.38	8.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-95.79	.00	-4.59	.00	4.58	.00
			min	5.87	.00	19.89	.00	-18.24	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.09	35.27	11.42	-.10	-10.38	8.77
			min	5.09	.00	11.42	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.44	max	6.03	.00	17.06	.00	-10.04	.00
			min	-95.79	.00	-4.59	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.18	35.27	9.86	-.10	-5.65	-6.89
			min	5.18	.00	9.86	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.03	.00	17.06	.00	-10.04	.00
			min	-95.79	.00	-4.59	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.18	.00	9.86	.00	-5.65	.00
			min	5.18	35.27	9.86	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-95.79	.00	-4.59	.00	2.54	.00
			min	6.03	.00	17.06	.00	-10.04	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.18	.00	9.86	.00	-5.65	.00
			min	5.18	35.27	9.86	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.44	MAX	6.03	.00	17.06	.00	-10.04	.00
		.00	MIN	-95.79	.00	-4.59	.00	4.58	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.09	35.27	11.42	-.10	-10.38	8.77
		.00	MIN	5.09	.00	11.42	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	5.87	.00	19.89	.00	-18.24	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
137	LK10	.44	MIN	-95.79	.00	-4.59	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.09	.00	11.42	.00	-10.38	.00
		.00	MIN	5.09	35.27	11.42	-.10	-10.38	8.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-95.79	.00	-4.59	.00	4.58	.00
		.00	MIN	5.87	.00	19.89	.00	-18.24	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.09	35.27	11.42	-.10	-10.38	8.77
		.44	MIN	5.18	35.27	9.86	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	5.96	.00	20.83	.00	-19.11	.00
			min	-71.17	.00	7.15	.00	-6.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.09	39.19	11.42	-.11	-10.38	9.75
			min	5.09	.00	11.42	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	5.96	.00	20.83	.00	-19.11	.00
			min	4.48	.00	-.10	.00	.32	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.09	.00	11.42	.00	-10.38	.00
			min	5.09	39.19	11.42	-.11	-10.38	9.75
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.48	.00	-.10	.00	.32	.00
			min	5.96	.00	20.83	.00	-19.11	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.09	39.19	11.42	-.11	-10.38	9.75
			min	5.09	.00	11.42	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.44	max	6.12	.00	17.86	.00	-10.52	.00
			min	-71.08	.00	5.60	.00	-3.65	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.18	39.19	9.86	-.11	-5.65	-7.65
			min	5.18	.00	9.86	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.12	.00	17.86	.00	-10.52	.00
			min	4.47	.00	.07	.00	.31	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.18	.00	9.86	.00	-5.65	.00
			min	5.18	39.19	9.86	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.47	.00	.07	.00	.31	.00
			min	6.12	.00	17.86	.00	-10.52	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.18	.00	9.86	.00	-5.65	.00
			min	5.18	39.19	9.86	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.44	MAX	6.12	.00	17.86	.00	-10.52	.00
		.00	MIN	-71.17	.00	7.15	.00	-6.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.09	39.19	11.42	-.11	-10.38	9.75
		.00	MIN	5.09	.00	11.42	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	5.96	.00	20.83	.00	-19.11	.00
		.00	MIN	4.48	.00	-.10	.00	.32	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.09	.00	11.42	.00	-10.38	.00
		.00	MIN	5.09	39.19	11.42	-.11	-10.38	9.75
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	4.48	.00	-.10	.00	.32	.00
		.00	MIN	5.96	.00	20.83	.00	-19.11	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.09	39.19	11.42	-.11	-10.38	9.75
		.44	MIN	5.18	39.19	9.86	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
138	LK10	.00	max	5.84	.00	20.36	.00	-24.44	.00
			min	-96.14	.00	1.73	.00	-2.25	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.08	.00	11.51	.00	-13.91	.00
			min	5.08	-18.66	11.51	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-94.16	.00	21.58	.00	-26.28	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
138	LK10	.00	min	4.56	.00	.66	.00	-1.07	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.08	.00	11.51	.00	-13.91	.00
			min	5.08	-18.66	11.51	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-7.48	.00	.75	.00	-1.04	.00
			min	-94.16	.00	21.58	.00	-26.28	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	5.08	.00	11.51	.00	-13.91	.00
			min	5.08	-18.66	11.51	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33	max	6.32	.00	11.87	.00	-2.94	.00
			min	-96.14	.00	1.72	.00	.05	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.34	.00	6.83	.00	-1.69	.00
			min	5.34	-18.66	6.83	.00	-1.69	7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-93.69	.00	13.09	.00	-3.16	.00
			min	4.56	.00	.64	.00	-.20	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.34	.00	6.83	.00	-1.69	.00
			min	5.34	-18.66	6.83	.00	-1.69	7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-76.36	.00	1.44	.00	.24	.00
			min	-24.80	.00	12.39	.00	-3.45	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14						
			max	5.34	-18.66	6.83	.00	-1.69	7.11
			min	5.34	.00	6.83	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.33 .00	MAX	6.32	.00	11.87	.00	-2.94	.00
			MIN	-96.14	.00	1.73	.00	-2.25	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.08	.00	11.51	.00	-13.91	.00
			MIN	5.08	-18.66	11.51	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.33	MAX	-94.16	.00	21.58	.00	-26.28	.00
			MIN	4.56	.00	.64	.00	-.20	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
		.00 .00	MAX	5.08	.00	11.51	.00	-13.91	.00
			MIN	5.08	-18.66	11.51	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33 .00	MAX	-76.36	.00	1.44	.00	.24	.00
			MIN	-94.16	.00	21.58	.00	-26.28	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		1.33 .00	MAX	5.34	-18.66	6.83	.00	-1.69	7.11
			MIN	5.08	-18.66	11.51	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	5.93	.00	21.34	.00	-25.61	.00
			min	-71.46	.00	12.29	.00	-14.63	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.08	.00	11.51	.00	-13.91	.00
			min	5.08	-20.74	11.51	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	5.93	.00	21.34	.00	-25.61	.00
			min	4.50	.00	-.55	.00	.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.08	.00	11.51	.00	-13.91	.00
			min	5.08	-20.74	11.51	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.50	.00	-.55	.00	.36	.00
			min	5.93	.00	21.34	.00	-25.61	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.08	.00	11.51	.00	-13.91	.00
			min	5.08	-20.74	11.51	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.33	max	6.43	.00	12.44	.00	-3.08	.00
			min	-71.20	.00	7.61	.00	-1.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.34	.00	6.83	.00	-1.69	.00
			min	5.34	-20.74	6.83	.00	-1.69	7.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.43	.00	12.44	.00	-3.08	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
138	LK11	1.33	min	4.47	.00	-.04	.00	-.04	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.34	.00	6.83	.00	-1.69	.00
			min	5.34	-20.74	6.83	.00	-1.69	7.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.47	.00	-.04	.00	-.04	.00
			min	6.43	.00	12.44	.00	-3.08	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.34	-20.74	6.83	.00	-1.69	7.89
			min	5.34	.00	6.83	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.33	MAX	6.43	.00	12.44	.00	-3.08	.00
		.00	MIN	-71.46	.00	12.29	.00	-14.63	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.08	.00	11.51	.00	-13.91	.00
		.00	MIN	5.08	-20.74	11.51	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	5.93	.00	21.34	.00	-25.61	.00
		.00	MIN	4.50	.00	-.55	.00	.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.08	.00	11.51	.00	-13.91	.00
		.00	MIN	5.08	-20.74	11.51	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	4.50	.00	-.55	.00	.36	.00
		.00	MIN	5.93	.00	21.34	.00	-25.61	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		1.33	MAX	5.34	-20.74	6.83	.00	-1.69	7.89
		.00	MIN	5.08	-20.74	11.51	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
139	LK10	.00	max	5.87	.00	19.88	.00	-18.23	.00
			min	-95.79	.00	-4.52	.00	4.38	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.09	.00	11.42	.00	-10.37	.00
			min	5.09	-35.26	11.42	.10	-10.37	-8.78
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	5.87	.00	19.88	.00	-18.23	.00
			min	-95.09	.00	-4.56	.00	4.57	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.09	-35.26	11.42	.10	-10.37	-8.78
			min	5.09	.00	11.42	.00	-10.37	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-95.09	.00	-4.56	.00	4.57	.00
			min	5.87	.00	19.88	.00	-18.23	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.09	.00	11.42	.00	-10.37	.00
			min	5.09	-35.26	11.42	.10	-10.37	-8.78
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.44	max	6.03	.00	17.06	.00	-10.02	.00
			min	-95.79	.00	-4.53	.00	2.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.18	.00	9.86	.00	-5.65	.00
			min	5.18	-35.26	9.86	.10	-5.65	6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.03	.00	17.06	.00	-10.02	.00
			min	-95.09	.00	-4.57	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.18	-35.26	9.86	.10	-5.65	6.89
			min	5.18	.00	9.86	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-95.09	.00	-4.57	.00	2.54	.00
			min	6.03	.00	17.06	.00	-10.02	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.18	-35.26	9.86	.10	-5.65	6.89
			min	5.18	.00	9.86	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.44	MAX	6.03	.00	17.06	.00	-10.02	.00
		.00	MIN	-95.79	.00	-4.52	.00	4.38	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.09	.00	11.42	.00	-10.37	.00
		.00	MIN	5.09	-35.26	11.42	.10	-10.37	-8.78
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	5.87	.00	19.88	.00	-18.23	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
139	LK10	.44	MIN	-95.09	.00	-4.57	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
		.00	MAX	5.09	-35.26	11.42	.10	-10.37	-8.78
		.00	MIN	5.09	.00	11.42	.00	-10.37	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-95.09	.00	-4.56	.00	4.57	.00
		.00	MIN	5.87	.00	19.88	.00	-18.23	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.44	MAX	5.18	-35.26	9.86	.10	-5.65	6.89
		.00	MIN	5.09	-35.26	11.42	.10	-10.37	-8.78
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	5.96	.00	20.82	.00	-19.10	.00
			min	-71.17	.00	7.15	.00	-6.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.09	.00	11.42	.00	-10.37	.00
			min	5.09	-39.18	11.42	.11	-10.37	-9.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	5.96	.00	20.82	.00	-19.10	.00
			min	4.48	.00	-.10	.00	.32	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.09	-39.18	11.42	.11	-10.37	-9.76
			min	5.09	.00	11.42	.00	-10.37	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.48	.00	-.10	.00	.32	.00
			min	5.96	.00	20.82	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.09	.00	11.42	.00	-10.37	.00
			min	5.09	-39.18	11.42	.11	-10.37	-9.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.44	max	6.13	.00	17.86	.00	-10.50	.00
			min	-71.08	.00	5.59	.00	-3.65	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.18	.00	9.86	.00	-5.65	.00
			min	5.18	-39.18	9.86	.11	-5.65	7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.13	.00	17.86	.00	-10.50	.00
			min	4.47	.00	.07	.00	.31	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.18	-39.18	9.86	.11	-5.65	7.65
			min	5.18	.00	9.86	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.47	.00	.07	.00	.31	.00
			min	6.13	.00	17.86	.00	-10.50	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.18	-39.18	9.86	.11	-5.65	7.65
			min	5.18	.00	9.86	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.44	MAX	6.13	.00	17.86	.00	-10.50	.00
		.00	MIN	-71.17	.00	7.15	.00	-6.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.09	.00	11.42	.00	-10.37	.00
		.00	MIN	5.09	-39.18	11.42	.11	-10.37	-9.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	5.96	.00	20.82	.00	-19.10	.00
		.00	MIN	4.48	.00	-.10	.00	.32	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
		.00	MAX	5.09	-39.18	11.42	.11	-10.37	-9.76
		.00	MIN	5.09	.00	11.42	.00	-10.37	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	4.48	.00	-.10	.00	.32	.00
		.00	MIN	5.96	.00	20.82	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.44	MAX	5.18	-39.18	9.86	.11	-5.65	7.65
		.00	MIN	5.09	-39.18	11.42	.11	-10.37	-9.76
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
140	LK10	.00	max	-3.96	.00	.00	.00	.00	.00
			min	-47.90	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-27.33	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
140	LK10	.00	min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.34	max	-89.65	.00	.00	.00	.00	.00
			min	-133.59	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
			max	-113.02	36.97	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 16.34	MAX	-3.96	.00	.00	.00	.00	.00
			MIN	-133.59	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF14 LF15						
		16.34 .00	MAX	-113.02	36.97	.00	.00	.00	.00
			MIN	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-27.33	.00	.00	.00	.00	.00
			MIN	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-27.33	.00	.00	.00	.00	.00
			MIN	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 16.34	MAX	-27.33	.00	.00	.00	.00	.00
			MIN	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.17 .00	MAX	-70.18	-.09	.00	.00	.00	150.66
			MIN	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-1.36	.00	.00	.00	.00	.00
			min	-48.51	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	-41.27	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	-41.27	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.34	max	-87.05	.00	.00	.00	.00	.00
			min	-134.20	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-113.02	41.08	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
140	LK11	16.34	min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-1.36	.00	.00	.00	.00	.00
		16.34	MIN	-134.20	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		16.34	MAX	-113.02	41.08	.00	.00	.00	.00
		.00	MIN	-27.33	-41.27	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-27.33	.00	.00	.00	.00	.00
		.00	MIN	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-27.33	.00	.00	.00	.00	.00
		.00	MIN	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-27.33	.00	.00	.00	.00	.00
		16.34	MIN	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.17	MAX	-70.18	-.10	.00	.00	.00	167.40
		.00	MIN	-27.33	-41.27	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
141	LK10	.00	max	3.94	.00	.00	.00	.00	.00
			min	-39.53	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.67	max	-83.48	.00	.00	.00	.00	.00
			min	-126.95	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-110.50	37.77	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	3.94	.00	.00	.00	.00	.00
		16.67	MIN	-126.95	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		16.67	MAX	-110.50	37.77	.00	.00	.00	.00
		.00	MIN	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-23.08	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
141	LK10	.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		16.67	MAX	-110.50	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.33	MAX	-66.79	-.03	.00	.00	.00	157.23
		.00	MIN	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-.69	.00	.00	.00	.00	.00
			min	-41.36	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.67	max	-88.11	.00	.00	.00	.00	.00
			min	-128.78	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-110.50	41.96	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.50	.00	.00	.00	.00	.00
			min	-110.50	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-.69	.00	.00	.00	.00	.00
		16.67	MIN	-128.78	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		16.67	MAX	-110.50	41.96	.00	.00	.00	.00
		.00	MIN	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		16.67	MAX	-110.50	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.33	MAX	-66.79	-.04	.00	.00	.00	174.70
		.00	MIN	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
142	LK10	.00	max	3.92	.00	.00	.00	.00	.00
			min	-39.52	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-23.08	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
142	LK10	.00	min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.67	max	-83.49	.00	.00	.00	.00	.00
			min	-126.94	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	-110.49	37.77	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	3.92	.00	.00	.00	.00	.00
		16.67	MIN	-126.94	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		16.67	MAX	-110.49	37.77	.00	.00	.00	.00
		.00	MIN	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		16.67	MAX	-110.49	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.33	MAX	-66.79	-.03	.00	.00	.00	157.23
		.00	MIN	-23.08	-37.84	.00	.00	.00	-.58
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-.69	.00	.00	.00	.00	.00
			min	-41.35	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-23.08	.00	.00	.00	.00	.00
			min	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.67	max	-88.10	.00	.00	.00	.00	.00
			min	-128.76	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	-110.49	41.96	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
142	LK11	16.67	min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-110.49	.00	.00	.00	.00	.00
			min	-110.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-.69	.00	.00	.00	.00	.00
		16.67	MIN	-128.76	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		16.67	MAX	-110.49	41.96	.00	.00	.00	.00
		.00	MIN	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-23.08	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		16.67	MAX	-110.49	.00	.00	.00	.00	.00
		.00	MIN	-23.08	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.33	MAX	-66.79	-.04	.00	.00	.00	174.71
		.00	MIN	-23.08	-42.04	.00	.00	.00	-.65
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
143	LK10	.00	max	-3.97	.00	.00	.00	.00	.00
			min	-47.94	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-27.33	.00	.00	.00	.00	.00
			min	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		16.34	max	-89.65	.00	.00	.00	.00	.00
			min	-133.63	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	-113.02	36.97	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-113.02	.00	.00	.00	.00	.00
			min	-113.02	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.97	.00	.00	.00	.00	.00
		16.34	MIN	-133.63	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		16.34	MAX	-113.02	36.97	.00	.00	.00	.00
		.00	MIN	-27.33	-37.14	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-27.33	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
143	LK10	.00	MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33	.00	.00	.00	.00	.00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		16.34 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-113.02 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		8.17 .00	MAX MIN LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7	-70.18 -27.33	-.09 -37.14	.00 .00	.00 .00	.00 .00	150.66 -1.42
	LK11	.00	max min LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5	-1.37 -48.53	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-27.33 -27.33	.00 -41.27	.00 .00	.00 .00	.00 .00	.00 -1.57
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-27.33 -27.33	.00 -41.27	.00 .00	.00 .00	.00 .00	.00 -1.57
		16.34	max min LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5	-87.06 -134.22	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2	-113.02 -113.02	41.08 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-113.02 -113.02	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-113.02 -113.02	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-113.02 -113.02	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-113.02 -113.02	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 16.34	MAX MIN LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5	-1.37 -134.22	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		16.34 .00	MAX MIN LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7	-113.02 -27.33	41.08 -41.27	.00 .00	.00 .00	.00 .00	.00 -1.57
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-27.33 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		16.34 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-113.02 -27.33	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		8.17 .00	MAX MIN LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7	-70.18 -27.33	-.10 -41.27	.00 .00	.00 .00	.00 .00	167.40 -1.57
144	LK10	.00	max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-3.54 -3.54	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-3.54 -3.54	.00 -2.54	.00 .00	.00 .00	.00 .00	.00 -1.42
			max	-3.54	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
144	LK10	.00	min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.12	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.12 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-3.54	.00	.00	.00	.00	.00
			MIN	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-3.54	.00	.00	.00	.00	.00
			MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-3.54	.00	.00	.00	.00	.00
			MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.12 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-3.54	.00	.00	.00	.00	.00
			MIN	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.12	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
144	LK11	1.12	min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.12	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.12	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
145	LK10	.00	max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.79	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-2.49	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
145	LK10	.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.79	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.79	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.79	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
146	LK10	.00	max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-1.45	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
146	LK10	.00	min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-1.45	.00	.00	.00	.00	.00
			MIN	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-1.45	.00	.00	.00	.00	.00
			MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-1.45	.00	.00	.00	.00	.00
			MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	-2.32	.00	.00	.00	-.53
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	-2.32	.00	.00	.00	-.53
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
146	LK11	.46	min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-1.45	.00	.00	.00	.00	.00
		.00	MIN	-1.45	-2.32	.00	.00	.00	-.53
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-1.45	.00	.00	.00	.00	.00
		.00	MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-1.45	.00	.00	.00	.00	.00
		.00	MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.45	-2.32	.00	.00	.00	-.53
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
147	LK10	.00	max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-1.45	.00	.00	.00	.00	.00
			min	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.46	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.46	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-1.45	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-1.45	.00	.00	.00	.00	.00
		.00	MIN	-1.45	-2.09	.00	.00	.00	-.48
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-1.45	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
147	LK10	.00	MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45	.00	.00	.00	.00	.00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .46	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-1.45 -1.45	.00 -2.09	.00 .00	.00 .00	.00 .00	.00 -.48
	LK11	.00	max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-1.45 -1.45	.00 -2.32	.00 .00	.00 .00	.00 .00	.00 -.53
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-1.45 -1.45	.00 -2.32	.00 .00	.00 .00	.00 .00	.00 -.53
		.46	max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.46 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	.00 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-1.45 -1.45	.00 -2.32	.00 .00	.00 .00	.00 .00	.00 -.53
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 -1.45	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .46	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-1.45 .00	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
		.00 .00	MAX MIN LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-1.45 -1.45	.00 -2.32	.00 .00	.00 .00	.00 .00	.00 -.53
148	LK10	.00	max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2	-2.49 -2.49	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
			max min LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7	-2.49 -2.49	.00 -3.58	.00 .00	.00 .00	.00 .00	.00 -1.42
			max	-2.49	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
148	LK10	.00	min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.79	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-2.49	.00	.00	.00	.00	.00
			MIN	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 .00	MAX	-2.49	.00	.00	.00	.00	.00
			MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	-2.49	.00	.00	.00	.00	.00
			MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79 .00	MAX	.00	.00	.00	.00	.00	.00
			MIN	-2.49	-3.58	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-2.49	.00	.00	.00	.00	.00
			min	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.79	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
148	LK11	.79	min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-2.49	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-2.49	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.79	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-2.49	-3.98	.00	.00	.00	-1.57
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
149	LK10	.00	max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.12	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.12	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-3.54	.00	.00	.00	.00	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
149	LK10	.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		1.12	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	-2.54	.00	.00	.00	-1.42
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	-3.54	.00	.00	.00	.00	.00
			min	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.12	max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
			max	.00	.00	.00	.00	.00	.00
			min	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		1.12	MAX	.00	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		1.12	MIN	.00	.00	.00	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00	MAX	-3.54	.00	.00	.00	.00	.00
		.00	MIN	-3.54	-2.82	.00	.00	.00	-1.58
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
150	LK10	.00	max	6.06	.00	16.55	.00	-10.04	.00
			min	-95.76	.00	-5.12	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.20	.00	9.35	.00	-5.65	.00
			min	5.20	-3.46	9.35	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.06	.00	16.55	.00	-10.04	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
150	LK10	.00	min	-95.76	.00	-5.12	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.20	.00	9.35	.00	-5.65	.00
			min	5.20	-3.46	9.35	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-95.76	.00	-5.12	.00	2.54	.00
			min	6.06	.00	16.55	.00	-10.04	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.20	.00	9.35	.00	-5.65	.00
			min	5.20	-3.46	9.35	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	max	6.95	.00	.65	.00	11.47	.00
			min	-95.76	.00	-5.14	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	.00	.58	.00	6.75	.00
			min	5.69	-3.46	.58	-.10	6.75	1.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.95	.00	.65	.00	11.47	.00
			min	-95.76	.00	-5.14	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	.00	.58	.00	6.75	.00
			min	5.69	-3.46	.58	-.10	6.75	1.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.95	.00	.65	.00	11.47	.00
			min	-95.76	.00	-5.14	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	-3.46	.58	-.10	6.75	1.76
			min	5.69	.00	.58	.00	6.75	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50 .00	MAX	6.95	.00	.65	.00	11.47	.00
			MIN	-95.76	.00	-5.12	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.20	.00	9.35	.00	-5.65	.00
			MIN	5.20	-3.46	9.35	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 2.50	MAX	6.06	.00	16.55	.00	-10.04	.00
			MIN	-95.76	.00	-5.14	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.20	.00	9.35	.00	-5.65	.00
			MIN	5.20	-3.46	9.35	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50 2.50	MAX	6.95	.00	.65	.00	11.47	.00
			MIN	-95.76	.00	-5.14	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		2.50 .00	MAX	5.69	-3.46	.58	-.10	6.75	1.76
			MIN	5.20	-3.46	9.35	-.10	-5.65	-6.89
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	6.15	.00	17.35	.00	-10.52	.00
			min	-71.05	.00	5.08	.00	-3.65	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.20	.00	9.35	.00	-5.65	.00
			min	5.20	-3.84	9.35	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.15	.00	17.35	.00	-10.52	.00
			min	4.49	.00	-.44	.00	.31	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.20	.00	9.35	.00	-5.65	.00
			min	5.20	-3.84	9.35	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.49	.00	-.44	.00	.31	.00
			min	6.15	.00	17.35	.00	-10.52	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.20	.00	9.35	.00	-5.65	.00
			min	5.20	-3.84	9.35	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	max	7.09	.00	.66	.00	11.99	.00
			min	-70.56	.00	-3.69	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	.00	.58	.00	6.75	.00
			min	5.69	-3.84	.58	-.11	6.75	1.96
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.09	.00	.66	.00	11.99	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
150	LK11	2.50	min	-70.56	.00	-3.69	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	.00	.58	.00	6.75	.00
			min	5.69	-3.84	.58	-.11	6.75	1.96
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.09	.00	.66	.00	11.99	.00
			min	-70.56	.00	-3.69	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	-3.84	.58	-.11	6.75	1.96
			min	5.69	.00	.58	.00	6.75	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	7.09	.00	.66	.00	11.99	.00
		.00	MIN	-71.05	.00	5.08	.00	-3.65	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.20	.00	9.35	.00	-5.65	.00
		.00	MIN	5.20	-3.84	9.35	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	6.15	.00	17.35	.00	-10.52	.00
		2.50	MIN	-70.56	.00	-3.69	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.20	.00	9.35	.00	-5.65	.00
		.00	MIN	5.20	-3.84	9.35	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	7.09	.00	.66	.00	11.99	.00
		.00	MIN	6.15	.00	17.35	.00	-10.52	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	5.69	-3.84	.58	-.11	6.75	1.96
		.00	MIN	5.20	-3.84	9.35	-.11	-5.65	-7.65
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
151	LK10	.00	max	6.06	.00	16.54	.00	-10.02	.00
			min	-95.76	.00	-5.05	.00	2.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.20	3.46	9.34	.10	-5.65	6.89
			min	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.06	.00	16.54	.00	-10.02	.00
			min	-95.06	.00	-5.09	.00	2.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.20	3.46	9.34	.10	-5.65	6.89
			min	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-95.06	.00	-5.09	.00	2.54	.00
			min	6.06	.00	16.54	.00	-10.02	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.20	3.46	9.34	.10	-5.65	6.89
			min	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	max	6.95	.00	.64	.00	11.47	.00
			min	-95.76	.00	-5.07	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	3.46	.57	.10	6.75	-1.76
			min	5.69	.00	.57	.00	6.75	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.95	.00	.64	.00	11.47	.00
			min	-95.06	.00	-5.11	.00	-10.21	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.69	3.46	.57	.10	6.75	-1.76
			min	5.69	.00	.57	.00	6.75	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.95	.00	.64	.00	11.47	.00
			min	-95.76	.00	-5.07	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.69	.00	.57	.00	6.75	.00
			min	5.69	3.46	.57	.10	6.75	-1.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	6.95	.00	.64	.00	11.47	.00
		.00	MIN	-95.76	.00	-5.05	.00	2.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.20	3.46	9.34	.10	-5.65	6.89
		.00	MIN	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	6.06	.00	16.54	.00	-10.02	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
151	LK10	2.50	MIN	-95.06	.00	-5.11	.00	-10.21	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
		.00	MAX	5.20	3.46	9.34	.10	-5.65	6.89
		.00	MIN	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	6.95	.00	.64	.00	11.47	.00
		2.50	MIN	-95.76	.00	-5.07	.00	-10.28	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.20	3.46	9.34	.10	-5.65	6.89
		2.50	MIN	5.69	3.46	.57	.10	6.75	-1.76
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	6.15	.00	17.34	.00	-10.50	.00
			min	-71.05	.00	5.07	.00	-3.65	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.20	3.84	9.34	.11	-5.65	7.65
			min	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.15	.00	17.34	.00	-10.50	.00
			min	4.49	.00	-.44	.00	.31	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.20	3.84	9.34	.11	-5.65	7.65
			min	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.49	.00	-.44	.00	.31	.00
			min	6.15	.00	17.34	.00	-10.50	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.20	3.84	9.34	.11	-5.65	7.65
			min	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	max	7.09	.00	.65	.00	11.99	.00
			min	-70.56	.00	-3.70	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	3.84	.57	.11	6.75	-1.96
			min	5.69	.00	.57	.00	6.75	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.09	.00	.65	.00	11.99	.00
			min	-70.56	.00	-3.70	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	3.84	.57	.11	6.75	-1.96
			min	5.69	.00	.57	.00	6.75	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.09	.00	.65	.00	11.99	.00
			min	-70.56	.00	-3.70	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.69	.00	.57	.00	6.75	.00
			min	5.69	3.84	.57	.11	6.75	-1.96
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	7.09	.00	.65	.00	11.99	.00
		.00	MIN	-71.05	.00	5.07	.00	-3.65	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.20	3.84	9.34	.11	-5.65	7.65
		.00	MIN	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	6.15	.00	17.34	.00	-10.50	.00
		2.50	MIN	-70.56	.00	-3.70	.00	-1.92	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.20	3.84	9.34	.11	-5.65	7.65
		.00	MIN	5.20	.00	9.34	.00	-5.65	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	7.09	.00	.65	.00	11.99	.00
		.00	MIN	6.15	.00	17.34	.00	-10.50	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.20	3.84	9.34	.11	-5.65	7.65
		2.50	MIN	5.69	3.84	.57	.11	6.75	-1.96
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
152	LK10	.00	max	7.27	.00	-5.05	.00	5.59	.00
			min	-96.08	.00	.67	.00	3.03	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.89	4.67	-2.97	.00	3.13	.80
			min	5.89	.00	-2.97	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-95.39	.00	.81	.00	2.92	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
152	LK10	.00	min	7.27	.00	-5.05	.00	5.59	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.89	.00	-2.97	.00	3.13	.00
			min	5.89	4.67	-2.97	.00	3.13	.80
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-93.43	.00	-3.98	.00	8.52	.00
			min	4.62	.00	-.40	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.89	4.67	-2.97	.00	3.13	.80
			min	5.89	.00	-2.97	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.05	max	8.00	.00	-18.12	.00	-18.23	.00
			min	-96.08	.00	.65	.00	4.38	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.30	4.67	-10.18	.00	-10.37	-8.79
			min	6.30	.00	-10.18	.00	-10.37	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-95.39	.00	.79	.00	4.57	.00
			min	8.00	.00	-18.12	.00	-18.23	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	6.30	.00	-10.18	.00	-10.37	.00
			min	6.30	4.67	-10.18	.00	-10.37	-8.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-95.39	.00	.79	.00	4.57	.00
			min	8.00	.00	-18.12	.00	-18.23	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	6.30	.00	-10.18	.00	-10.37	.00
			min	6.30	4.67	-10.18	.00	-10.37	-8.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.05 .00	MAX	8.00	.00	-18.12	.00	-18.23	.00
			MIN	-96.08	.00	.67	.00	3.03	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.89	4.67	-2.97	.00	3.13	.80
			MIN	5.89	.00	-2.97	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 2.05	MAX	-95.39	.00	.81	.00	2.92	.00
			MIN	8.00	.00	-18.12	.00	-18.23	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	5.89	.00	-2.97	.00	3.13	.00
			MIN	5.89	4.67	-2.97	.00	3.13	.80
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 2.05	MAX	-93.43	.00	-3.98	.00	8.52	.00
			MIN	8.00	.00	-18.12	.00	-18.23	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00 2.05	MAX	5.89	4.67	-2.97	.00	3.13	.80
			MIN	6.30	4.67	-10.18	.00	-10.37	-8.79
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	7.42	.00	-5.28	.00	5.86	.00
			min	-70.65	.00	-2.18	.00	5.42	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.89	5.18	-2.97	.00	3.13	.89
			min	5.89	.00	-2.97	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.48	.00	-.12	.00	-.24	.00
			min	7.42	.00	-5.28	.00	5.86	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.89	.00	-2.97	.00	3.13	.00
			min	5.89	5.18	-2.97	.00	3.13	.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.42	.00	-5.28	.00	5.86	.00
			min	4.48	.00	-.12	.00	-.24	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.89	5.18	-2.97	.00	3.13	.89
			min	5.89	.00	-2.97	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.05	max	8.19	.00	-19.01	.00	-19.10	.00
			min	-70.24	.00	-9.39	.00	-6.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.30	5.18	-10.18	.00	-10.37	-9.77
			min	6.30	.00	-10.18	.00	-10.37	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.43	.00	.66	.00	.32	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
152	LK11	2.05	min	8.19	.00	-19.01	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.30	.00	-10.18	.00	-10.37	.00
			min	6.30	5.18	-10.18	.00	-10.37	-9.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.43	.00	.66	.00	.32	.00
			min	8.19	.00	-19.01	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.30	.00	-10.18	.00	-10.37	.00
			min	6.30	5.18	-10.18	.00	-10.37	-9.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.05	MAX	8.19	.00	-19.01	.00	-19.10	.00
		.00	MIN	-70.65	.00	-2.18	.00	5.42	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.89	5.18	-2.97	.00	3.13	.89
		.00	MIN	5.89	.00	-2.97	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.05	MAX	4.43	.00	.66	.00	.32	.00
		2.05	MIN	8.19	.00	-19.01	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.89	.00	-2.97	.00	3.13	.00
		.00	MIN	5.89	5.18	-2.97	.00	3.13	.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	7.42	.00	-5.28	.00	5.86	.00
		2.05	MIN	8.19	.00	-19.01	.00	-19.10	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.89	5.18	-2.97	.00	3.13	.89
		2.05	MIN	6.30	5.18	-10.18	.00	-10.37	-9.77
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
153	LK10	.00	max	6.35	.00	11.36	.00	-2.94	.00
			min	-96.11	.00	1.20	.00	.05	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.37	2.52	6.31	.00	-1.69	7.11
			min	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-93.66	.00	12.58	.00	-3.16	.00
			min	4.59	.00	.13	.00	-.20	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.37	.00	6.31	.00	-1.69	.00
			min	5.37	2.52	6.31	.00	-1.69	7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-76.33	.00	.93	.00	.24	.00
			min	-24.77	.00	11.87	.00	-3.45	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14						
			max	5.37	2.52	6.31	.00	-1.69	7.11
			min	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	max	7.24	.00	-4.54	.00	5.59	.00
			min	-96.11	.00	1.18	.00	3.03	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.86	2.52	-2.46	.00	3.13	.80
			min	5.86	.00	-2.46	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-95.42	.00	1.32	.00	2.92	.00
			min	7.24	.00	-4.54	.00	5.59	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.86	.00	-2.46	.00	3.13	.00
			min	5.86	2.52	-2.46	.00	3.13	.80
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-93.46	.00	-3.47	.00	8.52	.00
			min	4.59	.00	.11	.00	.10	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.86	2.52	-2.46	.00	3.13	.80
			min	5.86	.00	-2.46	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	7.24	.00	-4.54	.00	5.59	.00
		.00	MIN	-96.11	.00	1.20	.00	.05	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.37	2.52	6.31	.00	-1.69	7.11
		.00	MIN	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-93.66	.00	12.58	.00	-3.16	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
153	LK10	2.50	MIN	7.24	.00	-4.54	.00	5.59	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.37	.00	6.31	.00	-1.69	.00
		.00	MIN	5.37	2.52	6.31	.00	-1.69	7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.00	MAX	-93.64	.00	-.29	.00	9.46	.00
		.00	MIN	-24.77	.00	11.87	.00	-3.45	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14						
		.00	MAX	5.37	2.52	6.31	.00	-1.69	7.11
		.00	MIN	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	6.46	.00	11.92	.00	-3.08	.00
			min	-71.17	.00	7.10	.00	-1.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.37	2.80	6.31	.00	-1.69	7.89
			min	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	6.46	.00	11.92	.00	-3.08	.00
			min	4.50	.00	-.56	.00	-.04	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.37	.00	6.31	.00	-1.69	.00
			min	5.37	2.80	6.31	.00	-1.69	7.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.50	.00	-.56	.00	-.04	.00
			min	6.46	.00	11.92	.00	-3.08	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.37	2.80	6.31	.00	-1.69	7.89
			min	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	max	7.39	.00	-4.77	.00	5.86	.00
			min	-70.68	.00	-1.67	.00	5.42	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.86	2.80	-2.46	.00	3.13	.89
			min	5.86	.00	-2.46	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.45	.00	.39	.00	-.24	.00
			min	7.39	.00	-4.77	.00	5.86	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.86	.00	-2.46	.00	3.13	.00
			min	5.86	2.80	-2.46	.00	3.13	.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.39	.00	-4.77	.00	5.86	.00
			min	4.45	.00	.39	.00	-.24	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.86	2.80	-2.46	.00	3.13	.89
			min	5.86	.00	-2.46	.00	3.13	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	7.39	.00	-4.77	.00	5.86	.00
		.00	MIN	-71.17	.00	7.10	.00	-1.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.37	2.80	6.31	.00	-1.69	7.89
		.00	MIN	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	6.46	.00	11.92	.00	-3.08	.00
		2.50	MIN	7.39	.00	-4.77	.00	5.86	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.37	.00	6.31	.00	-1.69	.00
		.00	MIN	5.37	2.80	6.31	.00	-1.69	7.89
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.75	MAX	7.11	.00	.24	.00	7.56	.00
		.00	MIN	6.46	.00	11.92	.00	-3.08	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.37	2.80	6.31	.00	-1.69	7.89
		.00	MIN	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
154	LK10	.00	max	7.27	.00	-5.06	.00	5.60	.00
			min	-96.09	.00	.80	.00	2.95	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.89	.00	-2.97	.00	3.14	.00
			min	5.89	-4.66	-2.97	.00	3.14	-.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-96.09	.00	.80	.00	2.95	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
154	LK10	.00	min	7.27	.00	-5.06	.00	5.60	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.89	-4.66	-2.97	.00	3.14	-.79
			min	5.89	.00	-2.97	.00	3.14	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-92.73	.00	-4.02	.00	8.52	.00
			min	4.62	.00	-.41	.00	.10	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.89	.00	-2.97	.00	3.14	.00
			min	5.89	-4.66	-2.97	.00	3.14	-.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.06	max	8.00	.00	-18.13	.00	-18.24	.00
			min	-96.09	.00	.78	.00	4.58	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.30	.00	-10.18	.00	-10.38	.00
			min	6.30	-4.66	-10.18	.00	-10.38	8.78
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-96.09	.00	.78	.00	4.58	.00
			min	8.00	.00	-18.13	.00	-18.24	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	6.30	-4.66	-10.18	.00	-10.38	8.78
			min	6.30	.00	-10.18	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-96.09	.00	.78	.00	4.58	.00
			min	8.00	.00	-18.13	.00	-18.24	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	6.30	-4.66	-10.18	.00	-10.38	8.78
			min	6.30	.00	-10.18	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.06 .00	MAX	8.00	.00	-18.13	.00	-18.24	.00
			MIN	-96.09	.00	.80	.00	2.95	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	5.89	.00	-2.97	.00	3.14	.00
			MIN	5.89	-4.66	-2.97	.00	3.14	-.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 2.06	MAX	-96.09	.00	.80	.00	2.95	.00
			MIN	8.00	.00	-18.13	.00	-18.24	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00 .00	MAX	5.89	-4.66	-2.97	.00	3.14	-.79
			MIN	5.89	.00	-2.97	.00	3.14	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 2.06	MAX	-92.73	.00	-4.02	.00	8.52	.00
			MIN	8.00	.00	-18.13	.00	-18.24	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		2.06 .00	MAX	6.30	-4.66	-10.18	.00	-10.38	8.78
			MIN	5.89	-4.66	-2.97	.00	3.14	-.79
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	7.42	.00	-5.29	.00	5.87	.00
			min	-70.65	.00	-2.19	.00	5.42	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.89	.00	-2.97	.00	3.14	.00
			min	5.89	-5.17	-2.97	.00	3.14	-.88
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.48	.00	-.12	.00	-.24	.00
			min	7.42	.00	-5.29	.00	5.87	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.89	-5.17	-2.97	.00	3.14	-.88
			min	5.89	.00	-2.97	.00	3.14	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.42	.00	-5.29	.00	5.87	.00
			min	4.48	.00	-.12	.00	-.24	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.89	.00	-2.97	.00	3.14	.00
			min	5.89	-5.17	-2.97	.00	3.14	-.88
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.06	max	8.19	.00	-19.02	.00	-19.11	.00
			min	-70.24	.00	-9.40	.00	-6.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.30	.00	-10.18	.00	-10.38	.00
			min	6.30	-5.17	-10.18	.00	-10.38	9.76
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.43	.00	.66	.00	.32	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
154	LK11	2.06	min	8.19	.00	-19.02	.00	-19.11	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.30	-5.17	-10.18	.00	-10.38	9.76
			min	6.30	.00	-10.18	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.43	.00	.66	.00	.32	.00
			min	8.19	.00	-19.02	.00	-19.11	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.30	-5.17	-10.18	.00	-10.38	9.76
			min	6.30	.00	-10.18	.00	-10.38	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.06	MAX	8.19	.00	-19.02	.00	-19.11	.00
		.00	MIN	-70.65	.00	-2.19	.00	5.42	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.89	.00	-2.97	.00	3.14	.00
		.00	MIN	5.89	-5.17	-2.97	.00	3.14	-.88
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.06	MAX	4.43	.00	.66	.00	.32	.00
		2.06	MIN	8.19	.00	-19.02	.00	-19.11	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.89	-5.17	-2.97	.00	3.14	-.88
		.00	MIN	5.89	.00	-2.97	.00	3.14	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	7.42	.00	-5.29	.00	5.87	.00
		2.06	MIN	8.19	.00	-19.02	.00	-19.11	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.06	MAX	6.30	-5.17	-10.18	.00	-10.38	9.76
		.00	MIN	5.89	-5.17	-2.97	.00	3.14	-.88
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
155	LK10	.00	max	6.35	.00	11.36	.00	-2.92	.00
			min	-96.12	.00	1.33	.00	-.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.37	.00	6.31	.00	-1.69	.00
			min	5.37	-2.53	6.31	.00	-1.69	-7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-94.36	.00	12.56	.00	-3.09	.00
			min	4.59	.00	.13	.00	-.19	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.37	-2.53	6.31	.00	-1.69	-7.11
			min	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-80.01	.00	.94	.00	.32	.00
			min	-21.78	.00	11.84	.00	-3.45	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
			max	5.37	.00	6.31	.00	-1.69	.00
			min	5.37	-2.53	6.31	.00	-1.69	-7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	max	7.24	.00	-4.54	.00	5.60	.00
			min	-96.12	.00	1.31	.00	2.95	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.86	.00	-2.46	.00	3.14	.00
			min	5.86	-2.53	-2.46	.00	3.14	-.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-96.12	.00	1.31	.00	2.95	.00
			min	7.24	.00	-4.54	.00	5.60	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
			max	5.86	-2.53	-2.46	.00	3.14	-.79
			min	5.86	.00	-2.46	.00	3.14	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-92.76	.00	-3.51	.00	8.52	.00
			min	4.59	.00	.11	.00	.10	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF6						
			max	5.86	.00	-2.46	.00	3.14	.00
			min	5.86	-2.53	-2.46	.00	3.14	-.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	7.24	.00	-4.54	.00	5.60	.00
		.00	MIN	-96.12	.00	1.33	.00	-.36	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.37	.00	6.31	.00	-1.69	.00
		.00	MIN	5.37	-2.53	6.31	.00	-1.69	-7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-94.36	.00	12.56	.00	-3.09	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
155	LK10	2.50	MIN	7.24	.00	-4.54	.00	5.60	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF13 LF14 LF15 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.37	-2.53	6.31	.00	-1.69	-7.11
		.00	MIN	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.00	MAX	-92.94	.00	-.33	.00	9.48	.00
		.00	MIN	-21.78	.00	11.84	.00	-3.45	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF12 LF14 LF15 LF'e in Min: LF1 LF2 LF3 LF5 LF13						
		2.50	MAX	5.86	.00	-2.46	.00	3.14	.00
		.00	MIN	5.37	-2.53	6.31	.00	-1.69	-7.11
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	6.46	.00	11.92	.00	-3.06	.00
			min	-71.17	.00	7.09	.00	-1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.37	.00	6.31	.00	-1.69	.00
			min	5.37	-2.81	6.31	.00	-1.69	-7.90
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	6.46	.00	11.92	.00	-3.06	.00
			min	4.50	.00	-.56	.00	-.03	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.37	-2.81	6.31	.00	-1.69	-7.90
			min	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.50	.00	-.56	.00	-.03	.00
			min	6.46	.00	11.92	.00	-3.06	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.37	.00	6.31	.00	-1.69	.00
			min	5.37	-2.81	6.31	.00	-1.69	-7.90
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	max	7.39	.00	-4.77	.00	5.87	.00
			min	-70.68	.00	-1.68	.00	5.42	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.86	.00	-2.46	.00	3.14	.00
			min	5.86	-2.81	-2.46	.00	3.14	-.88
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.45	.00	.39	.00	-.24	.00
			min	7.39	.00	-4.77	.00	5.87	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	5.86	-2.81	-2.46	.00	3.14	-.88
			min	5.86	.00	-2.46	.00	3.14	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.39	.00	-4.77	.00	5.87	.00
			min	4.45	.00	.39	.00	-.24	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.86	.00	-2.46	.00	3.14	.00
			min	5.86	-2.81	-2.46	.00	3.14	-.88
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	7.39	.00	-4.77	.00	5.87	.00
		.00	MIN	-71.17	.00	7.09	.00	-1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.37	.00	6.31	.00	-1.69	.00
		.00	MIN	5.37	-2.81	6.31	.00	-1.69	-7.90
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	6.46	.00	11.92	.00	-3.06	.00
		2.50	MIN	7.39	.00	-4.77	.00	5.87	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.37	-2.81	6.31	.00	-1.69	-7.90
		.00	MIN	5.37	.00	6.31	.00	-1.69	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.75	MAX	7.11	.00	.23	.00	7.57	.00
		.00	MIN	6.46	.00	11.92	.00	-3.06	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF5						
		2.50	MAX	5.86	.00	-2.46	.00	3.14	.00
		.00	MIN	5.37	-2.81	6.31	.00	-1.69	-7.90
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
156	LK10	.00	max	7.88	.00	-16.05	.00	-1.33	.00
			min	-95.98	.00	-1.10	.00	-1.55	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.24	.00	-9.20	.00	-.78	.00
			min	6.24	-22.05	-9.20	.00	-.78	-7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-11.07	.00	-.79	.00	-.07	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
156	LK10	.00	min	-89.04	.00	-16.36	.00	-2.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	6.24	-22.05	-9.20	.00	-.78	-7.94
			min	6.24	.00	-9.20	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-11.07	.00	-.79	.00	-.07	.00
			min	-89.04	.00	-16.36	.00	-2.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	6.24	.00	-9.20	.00	-.78	.00
			min	6.24	-22.05	-9.20	.00	-.78	-7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.17	max	8.30	.00	-23.48	.00	-24.40	.00
			min	-95.98	.00	-1.11	.00	-2.83	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.47	.00	-13.29	.00	-13.90	.00
			min	6.47	-22.05	-13.29	.00	-13.90	17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-11.07	.00	-.80	.00	-.99	.00
			min	-88.63	.00	-23.78	.00	-26.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	6.47	-22.05	-13.29	.00	-13.90	17.79
			min	6.47	.00	-13.29	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-11.07	.00	-.80	.00	-.99	.00
			min	-88.63	.00	-23.78	.00	-26.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	6.47	-22.05	-13.29	.00	-13.90	17.79
			min	6.47	.00	-13.29	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17 .00	MAX	8.30	.00	-23.48	.00	-24.40	.00
			MIN	-95.98	.00	-1.10	.00	-1.55	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	6.24	.00	-9.20	.00	-.78	.00
			MIN	6.24	-22.05	-9.20	.00	-.78	-7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.17	MAX	-11.07	.00	-.79	.00	-.07	.00
			MIN	-88.63	.00	-23.78	.00	-26.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
		.00 .00	MAX	6.24	-22.05	-9.20	.00	-.78	-7.94
			MIN	6.24	.00	-9.20	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 1.17	MAX	-11.07	.00	-.79	.00	-.07	.00
			MIN	-88.63	.00	-23.78	.00	-26.21	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
		1.17 .00	MAX	6.47	-22.05	-13.29	.00	-13.90	17.79
			MIN	6.24	-22.05	-9.20	.00	-.78	-7.94
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	8.06	.00	-16.82	.00	-1.39	.00
			min	-70.25	.00	-9.32	.00	-1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.24	.00	-9.20	.00	-.78	.00
			min	6.24	-24.49	-9.20	.00	-.78	-8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.46	.00	.13	.00	-.04	.00
			min	8.06	.00	-16.82	.00	-1.39	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.24	-24.49	-9.20	.00	-.78	-8.82
			min	6.24	.00	-9.20	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.46	.00	.13	.00	-.04	.00
			min	-11.60	.00	-9.36	.00	-1.54	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF13						
			max	6.24	.00	-9.20	.00	-.78	.00
			min	6.24	-24.49	-9.20	.00	-.78	-8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.17	max	8.50	.00	-24.61	.00	-25.57	.00
			min	-70.02	.00	-13.41	.00	-14.61	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.47	.00	-13.29	.00	-13.90	.00
			min	6.47	-24.49	-13.29	.00	-13.90	19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.44	.00	.58	.00	.37	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
156	LK11	1.17	min	8.50	.00	-24.61	.00	-25.57	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.47	-24.49	-13.29	.00	-13.90	19.77
			min	6.47	.00	-13.29	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.44	.00	.58	.00	.37	.00
			min	8.50	.00	-24.61	.00	-25.57	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.47	-24.49	-13.29	.00	-13.90	19.77
			min	6.47	.00	-13.29	.00	-13.90	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	MAX	8.50	.00	-24.61	.00	-25.57	.00
		.00	MIN	-70.25	.00	-9.32	.00	-1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	6.24	.00	-9.20	.00	-.78	.00
		.00	MIN	6.24	-24.49	-9.20	.00	-.78	-8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.17	MAX	4.44	.00	.58	.00	.37	.00
		1.17	MIN	8.50	.00	-24.61	.00	-25.57	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	6.24	-24.49	-9.20	.00	-.78	-8.82
		.00	MIN	6.24	.00	-9.20	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	MAX	4.44	.00	.58	.00	.37	.00
		1.17	MIN	8.50	.00	-24.61	.00	-25.57	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		1.17	MAX	6.47	-24.49	-13.29	.00	-13.90	19.77
		.00	MIN	6.24	-24.49	-9.20	.00	-.78	-8.82
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
157	LK10	.00	max	6.96	.00	.36	.00	17.64	.00
			min	-96.01	.00	-.57	.00	-.10	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.72	3.17	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-8.75	.00	.37	.00	17.67	.00
			min	-92.32	.00	-.57	.00	-.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
			max	5.72	3.17	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-8.75	.00	.37	.00	17.67	.00
			min	-92.32	.00	-.57	.00	-.11	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF15						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.50	max	7.85	.00	-15.54	.00	-1.33	.00
			min	-96.01	.00	-.59	.00	-1.55	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.21	3.17	-8.69	.00	-.78	-7.94
			min	6.21	.00	-8.69	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-11.10	.00	-.28	.00	-.07	.00
			min	-89.07	.00	-15.85	.00	-2.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	6.21	3.17	-8.69	.00	-.78	-7.94
			min	6.21	.00	-8.69	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-11.10	.00	-.28	.00	-.07	.00
			min	-89.07	.00	-15.85	.00	-2.78	.00
			LF'e in Max: LF1 LF2 LF4 LF6 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
			max	6.21	.00	-8.69	.00	-.78	.00
			min	6.21	3.17	-8.69	.00	-.78	-7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	7.85	.00	-15.54	.00	-1.33	.00
		.00	MIN	-96.01	.00	-.57	.00	-.10	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.72	3.17	.08	.00	9.98	.00
		.00	MIN	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-8.75	.00	.37	.00	17.67	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
157	LK10	2.50	MIN	-89.07	.00	-15.85	.00	-2.78	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
		.00	MAX	5.72	3.17	.08	.00	9.98	.00
		.00	MIN	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	-8.75	.00	.37	.00	17.67	.00
		2.50	MIN	-89.07	.00	-15.85	.00	-2.78	.00
			LF'e in Max: LF1 LF2 LF4 LF5 LF14 LF'e in Min: LF1 LF2 LF3 LF5 LF13 LF15						
		.00	MAX	5.72	.00	.08	.00	9.98	.00
		2.50	MIN	6.21	3.17	-8.69	.00	-.78	-7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	7.10	.00	.39	.00	18.49	.00
			min	-70.77	.00	-.04	.00	9.71	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.72	3.53	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.10	.00	.39	.00	18.49	.00
			min	4.49	.00	-.30	.00	-.47	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.72	3.53	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	7.10	.00	.39	.00	18.49	.00
			min	4.49	.00	-.30	.00	-.47	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.50	max	8.04	.00	-16.30	.00	-1.39	.00
			min	-70.28	.00	-8.81	.00	-1.35	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.21	3.53	-8.69	.00	-.78	-8.82
			min	6.21	.00	-8.69	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.43	.00	.65	.00	-.04	.00
			min	8.04	.00	-16.30	.00	-1.39	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.21	3.53	-8.69	.00	-.78	-8.82
			min	6.21	.00	-8.69	.00	-.78	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.43	.00	.65	.00	-.04	.00
			min	-11.63	.00	-8.85	.00	-1.54	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF13						
			max	6.21	.00	-8.69	.00	-.78	.00
			min	6.21	3.53	-8.69	.00	-.78	-8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	8.04	.00	-16.30	.00	-1.39	.00
		.00	MIN	-70.77	.00	-.04	.00	9.71	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.72	3.53	.08	.00	9.98	.00
		.00	MIN	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	4.43	.00	.65	.00	-.04	.00
		2.50	MIN	8.04	.00	-16.30	.00	-1.39	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.72	3.53	.08	.00	9.98	.00
		.00	MIN	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00	MAX	7.10	.00	.39	.00	18.49	.00
		2.50	MIN	-11.63	.00	-8.85	.00	-1.54	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF13						
		.00	MAX	5.72	.00	.08	.00	9.98	.00
		2.50	MIN	6.21	3.53	-8.69	.00	-.78	-8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
158	LK10	.00	max	7.88	.00	-16.07	.00	-1.38	.00
			min	-95.99	.00	-1.00	.00	-1.08	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.24	22.07	-9.21	.00	-.80	7.94
			min	6.24	.00	-9.21	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-7.39	.00	-.80	.00	-.11	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
158	LK10	.00	min	-92.04	.00	-16.38	.00	-2.86	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	6.24	.00	-9.21	.00	-.80	.00
			min	6.24	22.07	-9.21	.00	-.80	7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-7.39	.00	-.80	.00	-.11	.00
			min	-92.04	.00	-16.38	.00	-2.86	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	6.24	22.07	-9.21	.00	-.80	7.94
			min	6.24	.00	-9.21	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	max	8.30	.00	-23.48	.00	-24.44	.00
			min	-95.99	.00	-1.01	.00	-2.25	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.47	22.07	-13.30	.00	-13.91	-17.79
			min	6.47	.00	-13.30	.00	-13.91	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	-7.39	.00	-.81	.00	-1.04	.00
			min	-91.62	.00	-23.80	.00	-26.28	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	6.47	.00	-13.30	.00	-13.91	.00
			min	6.47	22.07	-13.30	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-7.39	.00	-.81	.00	-1.04	.00
			min	-91.62	.00	-23.80	.00	-26.28	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	6.47	.00	-13.30	.00	-13.91	.00
			min	6.47	22.07	-13.30	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.17 .00	MAX	8.30	.00	-23.48	.00	-24.44	.00
			MIN	-95.99	.00	-1.00	.00	-1.08	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00 .00	MAX	6.24	22.07	-9.21	.00	-.80	7.94
			MIN	6.24	.00	-9.21	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		.00 1.17	MAX	-7.39	.00	-.80	.00	-.11	.00
			MIN	-91.62	.00	-23.80	.00	-26.28	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		.00 .00	MAX	6.24	.00	-9.21	.00	-.80	.00
			MIN	6.24	22.07	-9.21	.00	-.80	7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00 1.17	MAX	-7.39	.00	-.80	.00	-.11	.00
			MIN	-91.62	.00	-23.80	.00	-26.28	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		.00 1.17	MAX	6.24	22.07	-9.21	.00	-.80	7.94
			MIN	6.47	22.07	-13.30	.00	-13.91	-17.79
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
	LK11	.00	max	8.07	.00	-16.83	.00	-1.45	.00
			min	-70.25	.00	-9.33	.00	-1.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.24	24.52	-9.21	.00	-.80	8.82
			min	6.24	.00	-9.21	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.46	.00	.13	.00	-.06	.00
			min	8.07	.00	-16.83	.00	-1.45	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.24	.00	-9.21	.00	-.80	.00
			min	6.24	24.52	-9.21	.00	-.80	8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.46	.00	.13	.00	-.06	.00
			min	-10.84	.00	-9.36	.00	-1.51	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF12						
			max	6.24	24.52	-9.21	.00	-.80	8.82
			min	6.24	.00	-9.21	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	max	8.50	.00	-24.62	.00	-25.61	.00
			min	-70.02	.00	-13.42	.00	-14.63	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.47	24.52	-13.30	.00	-13.91	-19.77
			min	6.47	.00	-13.30	.00	-13.91	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
			max	4.44	.00	.57	.00	.36	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
158	LK11	1.17	min	8.50	.00	-24.62	.00	-25.61	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.47	.00	-13.30	.00	-13.91	.00
			min	6.47	24.52	-13.30	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.44	.00	.57	.00	.36	.00
			min	8.50	.00	-24.62	.00	-25.61	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.47	.00	-13.30	.00	-13.91	.00
			min	6.47	24.52	-13.30	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.17	MAX	8.50	.00	-24.62	.00	-25.61	.00
		.00	MIN	-70.25	.00	-9.33	.00	-1.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	6.24	24.52	-9.21	.00	-.80	8.82
		.00	MIN	6.24	.00	-9.21	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		1.17	MAX	4.44	.00	.57	.00	.36	.00
		1.17	MIN	8.50	.00	-24.62	.00	-25.61	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	6.24	.00	-9.21	.00	-.80	.00
		.00	MIN	6.24	24.52	-9.21	.00	-.80	8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		1.17	MAX	4.44	.00	.57	.00	.36	.00
		1.17	MIN	8.50	.00	-24.62	.00	-25.61	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	6.24	24.52	-9.21	.00	-.80	8.82
		1.17	MIN	6.47	24.52	-13.30	.00	-13.91	-19.77
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2 LF7						
159	LK10	.00	max	6.96	.00	.35	.00	17.63	.00
			min	-96.02	.00	-.47	.00	.12	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	-3.18	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-5.07	.00	.35	.00	17.64	.00
			min	-95.31	.00	-.58	.00	-.13	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	-3.18	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-5.07	.00	.35	.00	17.64	.00
			min	-95.31	.00	-.58	.00	-.13	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF6 LF12 LF14 LF15						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.50	max	7.85	.00	-15.56	.00	-1.38	.00
			min	-96.02	.00	-.49	.00	-1.08	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
			max	6.21	.00	-8.69	.00	-.80	.00
			min	6.21	-3.18	-8.69	.00	-.80	7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-7.42	.00	-.29	.00	-.11	.00
			min	-92.07	.00	-15.87	.00	-2.86	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	6.21	.00	-8.69	.00	-.80	.00
			min	6.21	-3.18	-8.69	.00	-.80	7.94
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	-7.42	.00	-.29	.00	-.11	.00
			min	-92.07	.00	-15.87	.00	-2.86	.00
			LF'e in Max: LF1 LF2 LF3 LF6 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
			max	6.21	-3.18	-8.69	.00	-.80	7.94
			min	6.21	.00	-8.69	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	7.85	.00	-15.56	.00	-1.38	.00
		.00	MIN	-96.02	.00	-.47	.00	.12	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF3 LF6 LF13 LF14 LF15						
		.00	MAX	5.72	.00	.08	.00	9.98	.00
		.00	MIN	5.72	-3.18	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-5.07	.00	.35	.00	17.64	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
159	LK10	2.50	MIN	-92.07	.00	-15.87	.00	-2.86	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		.00	MAX	5.72	.00	.08	.00	9.98	.00
		.00	MIN	5.72	-3.18	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	-5.07	.00	.35	.00	17.64	.00
		2.50	MIN	-92.07	.00	-15.87	.00	-2.86	.00
			LF'e in Max: LF1 LF2 LF3 LF5 LF'e in Min: LF1 LF2 LF4 LF5 LF12 LF14 LF15						
		2.50	MAX	6.21	-3.18	-8.69	.00	-.80	7.94
		2.50	MIN	6.21	.00	-8.69	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
	LK11	.00	max	7.10	.00	.38	.00	18.48	.00
			min	-70.77	.00	-.05	.00	9.71	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	-3.53	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.10	.00	.38	.00	18.48	.00
			min	4.49	.00	-.31	.00	-.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	-3.53	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	7.10	.00	.38	.00	18.48	.00
			min	4.49	.00	-.31	.00	-.48	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF6						
			max	5.72	.00	.08	.00	9.98	.00
			min	5.72	.00	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		2.50	max	8.04	.00	-16.32	.00	-1.45	.00
			min	-70.28	.00	-8.82	.00	-1.37	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
			max	6.21	.00	-8.69	.00	-.80	.00
			min	6.21	-3.53	-8.69	.00	-.80	8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.43	.00	.64	.00	-.06	.00
			min	8.04	.00	-16.32	.00	-1.45	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
			max	6.21	.00	-8.69	.00	-.80	.00
			min	6.21	-3.53	-8.69	.00	-.80	8.82
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
			max	4.43	.00	.64	.00	-.06	.00
			min	-10.87	.00	-8.84	.00	-1.51	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF12						
			max	6.21	-3.53	-8.69	.00	-.80	8.82
			min	6.21	.00	-8.69	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						
		2.50	MAX	8.04	.00	-16.32	.00	-1.45	.00
		.00	MIN	-70.77	.00	-.05	.00	9.71	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF15						
		.00	MAX	5.72	.00	.08	.00	9.98	.00
		.00	MIN	5.72	-3.53	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		2.50	MAX	4.43	.00	.64	.00	-.06	.00
		2.50	MIN	8.04	.00	-16.32	.00	-1.45	.00
			LF'e in Max: LF1 LF2 LF6 LF'e in Min: LF1 LF2 LF5						
		.00	MAX	5.72	.00	.08	.00	9.98	.00
		.00	MIN	5.72	-3.53	.08	.00	9.98	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF7						
		.00	MAX	7.10	.00	.38	.00	18.48	.00
		2.50	MIN	-10.87	.00	-8.84	.00	-1.51	.00
			LF'e in Max: LF1 LF2 LF5 LF'e in Min: LF1 LF2 LF12						
		2.50	MAX	6.21	-3.53	-8.69	.00	-.80	8.82
		2.50	MIN	6.21	.00	-8.69	.00	-.80	.00
			LF'e in Max: LF1 LF2 LF7 LF'e in Min: LF1 LF2						

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] φX	φY	φZ
1	LK1	Max	26.89465	.00000	2.03374	.00000	.00365	.00000
		Min	-19.82663	.00000	-1.34934	-4.53667	-.00435	.00000

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm]			Verdrehungen [mrad]		
			uX	uY	uZ	φX	φY	φZ
2	LK1	Max	27.39864	.00000	.29383	4.44032	.69214	.00000
		Min	-19.75405	-1.31731	.15155	.00000	-.13244	-.40478
3	LK1	Max	27.08994	.00000	.27494	4.80110	.54237	.56191
		Min	-19.82520	-.43156	.13135	.00000	-.25063	.00000
4	LK1	Max	26.39783	.00000	.29394	4.44032	.11585	.40682
		Min	-19.90649	-1.31702	.15156	.00000	-.69196	.00000
5	LK1	Max	26.70349	.00000	.27490	4.80109	.25150	.00000
		Min	-19.83228	-.43208	.13140	.00000	-.54287	-.56191
6	LK1	Max	27.05685	.00000	.48482	3.40057	.63827	.71622
		Min	-19.82761	.00000	-.13024	.00000	-.65693	.00000
7	LK1	Max	26.73237	.00000	.48539	3.39427	.65776	.00000
		Min	-19.82569	.00000	-.13152	.00000	-.64080	-.71691
8	LK1	Max	26.54665	.00000	1.44124	4.61189	.01766	.91521
		Min	-19.87686	.00000	.12353	.00000	-.34692	.00000
9	LK1	Max	26.44905	.00000	.64640	4.58223	.67074	.00000
		Min	-19.88938	.00000	.09878	.00000	-.00497	-.87635
10	LK1	Max	27.24311	.00000	1.45011	4.60923	.35270	.00000
		Min	-19.77639	.00000	.12441	.00000	-.01875	-.91478
11	LK1	Max	27.34374	.00000	.65969	4.57460	.00457	.87734
		Min	-19.76683	.00000	.09693	.00000	-.67515	.00000
12	LK1	Max	27.49282	.00000	1.85132	4.32384	1.69402	.00000
		Min	-19.69102	.00000	.05409	.00000	-.04836	-1.44021
13	LK1	Max	27.69051	.00000	4.54578	4.26750	.30434	.36001
		Min	-19.57345	.00000	-.01902	.00000	-.39801	.00000
14	LK1	Max	26.29534	.00000	1.84972	4.29324	.02680	1.43903
		Min	-19.96227	.00000	.07720	.00000	-1.69601	.00000
15	LK1	Max	26.09383	.00000	4.55965	4.20054	.36210	.00000
		Min	-20.08001	.00000	.06577	.00000	-.30496	-.36402
16	LK1	Max	27.74904	.00000	2.14133	4.42310	5.65367	5.63450
		Min	-19.61858	.00000	-.13153	.00000	-1.23411	.00000
28	LK1	Max	26.03480	.00000	2.17598	4.56411	.98723	.00000
		Min	-20.03885	.00000	.01583	.00000	-6.79419	-9.93180
29	LK1	Max	28.68654	.00000	2.12884	4.40105	5.62413	5.63476
		Min	-18.52881	-2.03315	-.13317	.00000	-1.24188	.00000
30	LK1	Max	29.31822	.00000	1.91405	.00000	1.05174	5.63809
		Min	-7.39177	-15.37650	-.20768	-.85310	-3.14341	.00000
31	LK1	Max	31.34224	.00000	1.94551	.00191	1.33697	5.63766
		Min	-8.30176	-15.70258	-.19415	.00000	-2.15212	.00000
36	LK1	Max	.85646	.00000	.10020	.00000	9.89739	.00000
		Min	-4.82978	-.09714	-.09462	-.47695	-1.76995	-9.93651
37	LK1	Max	1.06394	.00000	.81754	.00000	3.07853	.00000
		Min	-5.85091	-.13410	-.05993	-.20176	-.64874	-9.93655
39	LK1	Max	1.97388	.00000	1.77213	.00000	1.51784	.00000
		Min	-8.63505	-.72726	-.11193	-.44603	-.57899	-9.93655
41	LK1	Max	3.32616	.00000	2.59993	.00000	2.55502	.00000
		Min	-12.57279	-1.72545	-.14174	-.64882	-.91367	-9.93655
43	LK1	Max	1.51992	.00000	.53517	.00000	.34796	.00000
		Min	-7.11256	-2.50053	-.43477	-2.01308	-.98145	-9.93651
45	LK1	Max	2.63768	.00000	.93484	.00000	2.79126	.00000
		Min	-10.32779	-6.86501	-.61045	-2.67580	-.87195	-9.93651
48	LK1	Max	5.15240	.00000	3.29810	.00000	2.92952	.00000
		Min	-17.41573	-3.05192	-.14759	-.81000	-1.15158	-9.93655
50	LK1	Max	7.37151	.00000	3.87626	.00000	2.63886	.00000
		Min	-22.75201	-4.63267	-.14982	-.92980	-1.22528	-9.93655
51	LK1	Max	4.23950	.00000	1.30374	.00000	2.49457	.00000
		Min	-14.78468	-11.79168	-.65875	-2.67100	-1.00667	-9.93651
53	LK1	Max	6.27904	.00000	1.64072	.00000	3.21030	.00000
		Min	-19.93544	-16.25858	-.57813	-2.20506	-1.19518	-9.93651
55	LK1	Max	.00000	.00000	.00000	.00000	5.18078	.00000
		Min	.00000	.00000	.00000	.00000	-.89761	-9.93655
56	LK1	Max	.00000	.00000	.00000	.00000	13.16298	.00000
		Min	.00000	.00000	.00000	.00000	-2.32677	-9.93651
57	LK1	Max	8.10665	.00000	3.87695	.00000	2.63819	.00000
		Min	-24.33520	-5.19060	-.14988	-.92995	-1.22510	-9.93655
58	LK1	Max	8.10669	.00000	1.79508	.00000	2.63677	.00000
		Min	-24.33529	-19.22099	-.47959	-1.86203	-1.22446	-9.93651
59	LK1	Max	8.10669	.00000	1.89764	.00000	2.63571	.00000
		Min	-24.33530	-16.24004	-.08366	-1.02180	-1.22564	-9.93653
60	LK1	Max	23.26249	.00000	2.16350	4.54284	.99331	.00000
		Min	-19.93255	-2.09722	.01421	.00000	-6.76326	-9.93212
61	LK1	Max	7.37201	.00000	1.79465	.00000	2.63695	.00000
		Min	-22.75317	-18.10338	-.47980	-1.86332	-1.22447	-9.93651
62	LK1	Max	29.31821	.00000	1.72320	.00000	1.05070	5.63807
		Min	-7.39177	-17.06793	-.73286	-1.44244	-3.14453	.00000
63	LK1	Max	29.31812	.00000	4.39268	.00000	1.05140	5.63810
		Min	-7.39175	-9.10694	-.03166	-1.09251	-3.14666	.00000
64	LK1	Max	27.43143	.00000	1.72282	.00000	1.05069	5.63737
		Min	-6.76136	-16.20219	-.73309	-1.44334	-3.14470	.00000
65	LK1	Max	27.42979	.00000	4.39204	.00000	1.05153	5.63740
		Min	-6.76086	-8.45132	-.03162	-1.09288	-3.14748	.00000
66	LK1	Max	23.44795	.00000	1.56441	.00000	1.01426	5.18990
		Min	-5.68346	-14.52104	-.86055	-1.71925	-3.92001	.00000
67	LK1	Max	19.89539	.00000	3.72017	.00000	.92247	4.74245
		Min	-4.54779	-5.88518	-.03695	-1.32109	-3.81283	.00000
68	LK1	Max	16.26590	.00000	1.21226	.00000	.78243	4.29498
		Min	-3.67180	-10.49619	-.91676	-1.99902	-2.62122	.00000
69	LK1	Max	16.26588	.00000	3.28693	.00000	.78244	4.29498
		Min	-3.67180	-4.43169	-.04548	-1.41962	-2.62147	.00000
70	LK1	Max	13.67107	.00000	2.88457	.00000	.85745	4.29498
		Min	-2.89008	-3.19103	-.05523	-1.21879	-2.86900	.00000
71	LK1	Max	11.05812	.00000	.86777	.00000	.74813	4.29498
		Min	-2.29325	-6.37435	-.79272	-2.28293	-3.12304	.00000
72	LK1	Max	9.09196	.00000	1.95159	.00000	.46523	4.29498
		Min	-1.70289	-1.29817	-.05442	-.79515	-1.72206	.00000
73	LK1	Max	7.39715	.00000	.49527	.00000	1.02692	4.29498
		Min	-1.32479	-2.38999	-.53688	-1.83873	-.49960	.00000

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm]			Verdrehungen [mrad]		
			uX	uY	uZ	φX	φY	φZ
74	LK1	Max	6.05352	.00000	.89004	.00000	.54943	4.29498
		Min	-.97410	-.23008	-.03401	-.34210	-3.14690	.00000
75	LK1	Max	4.98169	.00000	.09033	.00000	1.70380	4.29498
		Min	-.82589	-.09045	-.11080	-.44329	-10.26503	.00000
76	LK1	Max	.00000	.00000	.00000	.00000	2.24516	4.29498
		Min	.00000	.00000	.00000	.00000	-13.54885	.00000
77	LK1	Max	.00000	.00000	.00000	.00000	.82097	4.29498
		Min	.00000	.00000	.00000	.00000	-5.22947	.00000
78	LK1	Max	9.87516	.00000	1.95231	.21428	1.59396	.00000
		Min	-26.66845	-16.72588	-.05969	.00000	-2.09855	-9.93572
80	LK1	Max	29.32713	.00000	8.86111	.00000	1.04275	5.63810
		Min	-7.39175	-.90350	-1.38485	-1.09251	-3.15531	.00000
81	LK1	Max	16.26585	.00000	5.94203	.00000	.78244	4.29498
		Min	-3.67180	-.00786	-.80214	-1.41962	-2.62166	.00000
85	LK1	Max	35.48161	.00000	.00000	.00000	.69214	.00000
		Min	-18.59600	.00000	.00000	-4.62290	-.13244	-.40478
86	LK1	Max	36.03413	.00000	.00000	.00000	.54237	.56191
		Min	-21.57552	.00000	.00000	-4.86182	-.25063	.00000
87	LK1	Max	26.25119	.00000	.00000	.00000	.25150	.00000
		Min	-26.52808	.00000	.00000	-4.86188	-.54287	-.56191
88	LK1	Max	27.49770	.00000	.00000	.00000	.11585	.40682
		Min	-30.46728	.00000	.00000	-4.62288	-.69196	.00000
89	LK1	Max	26.88565	1.76664	.27553	4.77123	.54237	.56191
		Min	-19.81945	.00000	.13194	.00000	-.25063	.00000
90	LK1	Max	26.90238	1.76612	.27549	4.77122	.25150	.00000
		Min	-19.83388	.00000	.13199	.00000	-.54287	-.56191
91	LK1	Max	27.44808	2.10090	.29556	4.28902	.69214	.00000
		Min	-20.25028	.00000	.15328	.00000	-.13244	-.40478
92	LK1	Max	26.80357	2.10119	.29567	4.28902	.11585	.40682
		Min	-19.85477	.00000	.15329	.00000	-.69196	.00000
93	LK1	Max	26.50393	4.77280	2.14481	4.20754	5.65367	5.63450
		Min	-23.32337	.00000	-.12805	.00000	-1.23411	.00000
94	LK1	Max	33.59895	4.93073	2.17946	4.34854	.98723	.00000
		Min	-21.09564	.00000	.01931	.00000	-6.79419	-9.93180
	LK1	*MAX	36.03413	4.93073	8.86111	4.80110	13.16298	5.63810
		*MIN	-30.46728	-19.22099	-1.38485	-4.86188	-13.54885	-9.93655

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm]		
					uX	uY	uZ
52	LK1	16	.00	Max	27.74904	.00000	2.14133
				Min	-19.61858	.00000	-.13153
		29	.46	Max	28.68654	.00000	2.12884
				Min	-18.52881	-2.03315	-.13317
			.46	MAX u-X	28.68654	.00000	2.12884
			.00	MIN u-X	-19.61858	.00000	-.13153
			.00	MAX u-Y	27.74904	.00000	2.14133
			.46	MIN u-Y	-18.52881	-2.03315	-.13317
			.00	MAX u-Z	27.74904	.00000	2.14133
			.46	MIN u-Z	-18.52881	-2.03315	-.13317
53	LK1	29	.00	Max	28.68654	.00000	2.12884
				Min	-18.52881	-2.03315	-.13317
		31	5.19	Max	31.34224	.00000	1.94551
				Min	-8.30176	-15.70258	-.19415
			3.46	MAX u-X	33.12055	.00000	2.01046
			.00	MIN u-X	-18.52881	-2.03315	-.13317
			.00	MAX u-Y	28.68654	.00000	2.12884
			5.19	MIN u-Y	-8.30176	-15.70258	-.19415
			.00	MAX u-Z	28.68654	.00000	2.12884
			5.19	MIN u-Z	-8.30176	-15.70258	-.19415
54	LK1	31	.00	Max	31.34224	.00000	1.94551
				Min	-8.30176	-15.70258	-.19415
		30	.76	Max	29.31822	.00000	1.91405
				Min	-7.39177	-15.37650	-.20768
			.00	MAX u-X	31.34224	.00000	1.94551
			.00	MIN u-X	-8.30176	-15.70258	-.19415
			.00	MAX u-Y	31.34224	.00000	1.94551
			.00	MIN u-Y	-8.30176	-15.70258	-.19415
			.00	MAX u-Z	31.34224	.00000	1.94551
			.76	MIN u-Z	-7.39177	-15.37650	-.20768
75	LK1	56	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		36	.40	Max	.85646	.00000	.10020
				Min	-4.82978	-.09714	-.09462
			.40	MAX u-X	.85646	.00000	.10020
			.40	MIN u-X	-4.82978	-.09714	-.09462
			.00	MAX u-Y	.00000	.00000	.00000
			.40	MIN u-Y	-4.82978	-.09714	-.09462
			.40	MAX u-Z	.85646	.00000	.10020
			.40	MIN u-Z	-4.82978	-.09714	-.09462
76	LK1	36	.00	Max	.85646	.00000	.10020
				Min	-4.82978	-.09714	-.09462
		37	1.68	Max	1.06394	.00000	.81754
				Min	-5.85091	-.13410	-.05993
			1.68	MAX u-X	1.06394	.00000	.81754
			1.68	MIN u-X	-5.85091	-.13410	-.05993
			.00	MAX u-Y	.85646	.00000	.10020
			1.68	MIN u-Y	-5.85091	-.13410	-.05993
			1.68	MAX u-Z	1.06394	.00000	.81754
			.00	MIN u-Z	-4.82978	-.09714	-.09462
77	LK1	37	.00	Max	1.06394	.00000	.81754
				Min	-5.85091	-.13410	-.05993
		43	1.68	Max	1.51992	.00000	.53517

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
77	LK1	43	1.68	Min	-7.11256	-2.50053	-.43477
			1.68	MAX u-X	1.51992	.00000	.53517
			1.68	MIN u-X	-7.11256	-2.50053	-.43477
			.00	MAX u-Y	1.06394	.00000	.81754
			1.68	MIN u-Y	-7.11256	-2.50053	-.43477
			.00	MAX u-Z	1.06394	.00000	.81754
			1.68	MIN u-Z	-7.11256	-2.50053	-.43477
78	LK1	43	.00	Max	1.51992	.00000	.53517
				Min	-7.11256	-2.50053	-.43477
		39	1.68	Max	1.97388	.00000	1.77213
				Min	-8.63505	-.72726	-.11193
			1.68	MAX u-X	1.97388	.00000	1.77213
			1.68	MIN u-X	-8.63505	-.72726	-.11193
			.00	MAX u-Y	1.51992	.00000	.53517
			.00	MIN u-Y	-7.11256	-2.50053	-.43477
			1.68	MAX u-Z	1.97388	.00000	1.77213
			.00	MIN u-Z	-7.11256	-2.50053	-.43477
79	LK1	39	.00	Max	1.97388	.00000	1.77213
				Min	-8.63505	-.72726	-.11193
		45	1.68	Max	2.63768	.00000	.93484
				Min	-10.32779	-6.86501	-.61045
			1.68	MAX u-X	2.63768	.00000	.93484
			1.68	MIN u-X	-10.32779	-6.86501	-.61045
			.00	MAX u-Y	1.97388	.00000	1.77213
			1.68	MIN u-Y	-10.32779	-6.86501	-.61045
			.00	MAX u-Z	1.97388	.00000	1.77213
			1.68	MIN u-Z	-10.32779	-6.86501	-.61045
80	LK1	45	.00	Max	2.63768	.00000	.93484
				Min	-10.32779	-6.86501	-.61045
		41	1.68	Max	3.32616	.00000	2.59993
				Min	-12.57279	-1.72545	-.14174
			1.68	MAX u-X	3.32616	.00000	2.59993
			1.68	MIN u-X	-12.57279	-1.72545	-.14174
			.00	MAX u-Y	2.63768	.00000	.93484
			.00	MIN u-Y	-10.32779	-6.86501	-.61045
			1.68	MAX u-Z	3.32616	.00000	2.59993
			.00	MIN u-Z	-10.32779	-6.86501	-.61045
81	LK1	41	.00	Max	3.32616	.00000	2.59993
				Min	-12.57279	-1.72545	-.14174
		51	1.68	Max	4.23950	.00000	1.30374
				Min	-14.78468	-11.79168	-.65875
			1.68	MAX u-X	4.23950	.00000	1.30374
			1.68	MIN u-X	-14.78468	-11.79168	-.65875
			.00	MAX u-Y	3.32616	.00000	2.59993
			1.68	MIN u-Y	-14.78468	-11.79168	-.65875
			.00	MAX u-Z	3.32616	.00000	2.59993
			1.68	MIN u-Z	-14.78468	-11.79168	-.65875
82	LK1	51	.00	Max	4.23950	.00000	1.30374
				Min	-14.78468	-11.79168	-.65875
		48	1.68	Max	5.15240	.00000	3.29810
				Min	-17.41573	-3.05192	-.14759
			1.68	MAX u-X	5.15240	.00000	3.29810
			1.68	MIN u-X	-17.41573	-3.05192	-.14759
			.00	MAX u-Y	4.23950	.00000	1.30374
			.00	MIN u-Y	-14.78468	-11.79168	-.65875
			1.68	MAX u-Z	5.15240	.00000	3.29810
			.00	MIN u-Z	-14.78468	-11.79168	-.65875
83	LK1	48	.00	Max	5.15240	.00000	3.29810
				Min	-17.41573	-3.05192	-.14759
		53	1.68	Max	6.27904	.00000	1.64072
				Min	-19.93544	-16.25858	-.57813
			1.68	MAX u-X	6.27904	.00000	1.64072
			1.68	MIN u-X	-19.93544	-16.25858	-.57813
			.00	MAX u-Y	5.15240	.00000	3.29810
			1.68	MIN u-Y	-19.93544	-16.25858	-.57813
			.00	MAX u-Z	5.15240	.00000	3.29810
			1.68	MIN u-Z	-19.93544	-16.25858	-.57813
84	LK1	53	.00	Max	6.27904	.00000	1.64072
				Min	-19.93544	-16.25858	-.57813
		50	1.68	Max	7.37151	.00000	3.87626
				Min	-22.75201	-4.63267	-.14982
			1.68	MAX u-X	7.37151	.00000	3.87626
			1.68	MIN u-X	-22.75201	-4.63267	-.14982
			.00	MAX u-Y	6.27904	.00000	1.64072
			.00	MIN u-Y	-19.93544	-16.25858	-.57813
			1.68	MAX u-Z	7.37151	.00000	3.87626
			.00	MIN u-Z	-19.93544	-16.25858	-.57813
86	LK1	50	.00	Max	7.37151	.00000	3.87626
				Min	-22.75201	-4.63267	-.14982
		57	.60	Max	8.10665	.00000	3.87695
				Min	-24.33520	-5.19060	-.14988
			.60	MAX u-X	8.10665	.00000	3.87695
			.60	MIN u-X	-24.33520	-5.19060	-.14988
			.00	MAX u-Y	7.37151	.00000	3.87626
			.60	MIN u-Y	-24.33520	-5.19060	-.14988
			.60	MAX u-Z	8.10665	.00000	3.87695
			.60	MIN u-Z	-24.33520	-5.19060	-.14988
87	LK1	58	.00	Max	8.10669	.00000	1.79508
				Min	-24.33529	-19.22099	-.47959
		59	.30	Max	8.10669	.00000	1.89764
				Min	-24.33530	-16.24004	-.08366
			.00	MAX u-X	8.10669	.00000	1.79508
			.30	MIN u-X	-24.33530	-16.24004	-.08366
			.00	MAX u-Y	8.10669	.00000	1.79508
			.00	MIN u-Y	-24.33529	-19.22099	-.47959
			.30	MAX u-Z	8.10669	.00000	1.89764

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
87	LK1	59	.00	MIN u-Z	-24.33529	-19.22099	-.47959
88	LK1	57	.00	Max	8.10665	.00000	3.87695
				Min	-24.33520	-5.19060	-.14988
		59	1.11	Max	8.10669	.00000	1.89764
				Min	-24.33530	-16.24004	-.08366
			1.11	MAX u-X	8.10669	.00000	1.89764
			1.11	MIN u-X	-24.33530	-16.24004	-.08366
			.00	MAX u-Y	8.10665	.00000	3.87695
			1.11	MIN u-Y	-24.33530	-16.24004	-.08366
			.00	MAX u-Z	8.10665	.00000	3.87695
			.00	MIN u-Z	-24.33520	-5.19060	-.14988
89	LK1	59	.00	Max	8.10669	.00000	1.89764
				Min	-24.33530	-16.24004	-.08366
		78	1.17	Max	9.87516	.00000	1.95231
				Min	-26.66845	-16.72588	-.05969
			1.17	MAX u-X	9.87516	.00000	1.95231
			1.17	MIN u-X	-26.66845	-16.72588	-.05969
			.00	MAX u-Y	8.10669	.00000	1.89764
			1.17	MIN u-Y	-26.66845	-16.72588	-.05969
			1.17	MAX u-Z	9.87516	.00000	1.95231
			.00	MIN u-Z	-24.33530	-16.24004	-.08366
90	LK1	28	.00	Max	26.03478	.00000	2.17598
				Min	-20.03883	.00000	.01583
		60	.46	Max	23.26247	.00000	2.16349
				Min	-19.93253	-2.09722	.01421
			.00	MAX u-X	26.03478	.00000	2.17598
			.00	MIN u-X	-20.03883	.00000	.01583
			.00	MAX u-Y	26.03478	.00000	2.17598
			.46	MIN u-Y	-19.93253	-2.09722	.01421
			.00	MAX u-Z	26.03478	.00000	2.17598
			.46	MIN u-Z	-19.93253	-2.09722	.01421
91	LK1	55	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		37	1.31	Max	1.06394	.00000	.81754
				Min	-5.85091	-.13410	-.05993
			1.31	MAX u-X	1.06394	.00000	.81754
			1.31	MIN u-X	-5.85091	-.13410	-.05993
			.00	MAX u-Y	.00000	.00000	.00000
			1.31	MIN u-Y	-5.85091	-.13410	-.05993
			1.31	MAX u-Z	1.06394	.00000	.81754
			1.31	MIN u-Z	-5.85091	-.13410	-.05993
92	LK1	37	.00	Max	1.06394	.00000	.81754
				Min	-5.85091	-.13410	-.05993
		39	1.81	Max	1.97388	.00000	1.77213
				Min	-8.63505	-.72726	-.11193
			1.81	MAX u-X	1.97388	.00000	1.77213
			1.81	MIN u-X	-8.63505	-.72726	-.11193
			.00	MAX u-Y	1.06394	.00000	.81754
			1.81	MIN u-Y	-8.63505	-.72726	-.11193
			1.81	MAX u-Z	1.97388	.00000	1.77213
			1.81	MIN u-Z	-8.63505	-.72726	-.11193
93	LK1	39	.00	Max	1.97388	.00000	1.77213
				Min	-8.63505	-.72726	-.11193
		41	1.81	Max	3.32616	.00000	2.59993
				Min	-12.57279	-1.72545	-.14174
			1.81	MAX u-X	3.32616	.00000	2.59993
			1.81	MIN u-X	-12.57279	-1.72545	-.14174
			.00	MAX u-Y	1.97388	.00000	1.77213
			1.81	MIN u-Y	-12.57279	-1.72545	-.14174
			1.81	MAX u-Z	3.32616	.00000	2.59993
			1.81	MIN u-Z	-12.57279	-1.72545	-.14174
94	LK1	41	.00	Max	3.32616	.00000	2.59993
				Min	-12.57279	-1.72545	-.14174
		48	1.81	Max	5.15240	.00000	3.29810
				Min	-17.41573	-3.05192	-.14759
			1.81	MAX u-X	5.15240	.00000	3.29810
			1.81	MIN u-X	-17.41573	-3.05192	-.14759
			.00	MAX u-Y	3.32616	.00000	2.59993
			1.81	MIN u-Y	-17.41573	-3.05192	-.14759
			1.81	MAX u-Z	5.15240	.00000	3.29810
			1.81	MIN u-Z	-17.41573	-3.05192	-.14759
95	LK1	48	.00	Max	5.15240	.00000	3.29810
				Min	-17.41573	-3.05192	-.14759
		50	1.81	Max	7.37151	.00000	3.87626
				Min	-22.75201	-4.63267	-.14982
			1.81	MAX u-X	7.37151	.00000	3.87626
			1.81	MIN u-X	-22.75201	-4.63267	-.14982
			.00	MAX u-Y	5.15240	.00000	3.29810
			1.81	MIN u-Y	-22.75201	-4.63267	-.14982
			1.81	MAX u-Z	7.37151	.00000	3.87626
			1.81	MIN u-Z	-22.75201	-4.63267	-.14982
96	LK1	36	.00	Max	.85646	.00000	.10020
				Min	-4.82978	-.09714	-.09462
		43	1.81	Max	1.51992	.00000	.53517
				Min	-7.11256	-2.50053	-.43477
			1.81	MAX u-X	1.51992	.00000	.53517
			1.81	MIN u-X	-7.11256	-2.50053	-.43477
			.00	MAX u-Y	.85646	.00000	.10020
			1.81	MIN u-Y	-7.11256	-2.50053	-.43477
			1.81	MAX u-Z	1.51992	.00000	.53517
			1.81	MIN u-Z	-7.11256	-2.50053	-.43477
97	LK1	43	.00	Max	1.51992	.00000	.53517
				Min	-7.11256	-2.50053	-.43477
		45	1.81	Max	2.63768	.00000	.93484
				Min	-10.32779	-6.86501	-.61045
			1.81	MAX u-X	2.63768	.00000	.93484

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
97	LK1	45	1.81	MIN u-X	-10.32779	-6.86501	-.61045
			.00	MAX u-Y	1.51992	.00000	.53517
			1.81	MIN u-Y	-10.32779	-6.86501	-.61045
			1.81	MAX u-Z	2.63768	.00000	.93484
			1.81	MIN u-Z	-10.32779	-6.86501	-.61045
98	LK1	45	.00	Max	2.63768	.00000	.93484
				Min	-10.32779	-6.86501	-.61045
		51	1.81	Max	4.23950	.00000	1.30374
				Min	-14.78468	-11.79168	-.65875
			1.81	MAX u-X	4.23950	.00000	1.30374
			1.81	MIN u-X	-14.78468	-11.79168	-.65875
			.00	MAX u-Y	2.63768	.00000	.93484
			1.81	MIN u-Y	-14.78468	-11.79168	-.65875
			1.81	MAX u-Z	4.23950	.00000	1.30374
			1.81	MIN u-Z	-14.78468	-11.79168	-.65875
99	LK1	51	.00	Max	4.23950	.00000	1.30374
				Min	-14.78468	-11.79168	-.65875
		53	1.81	Max	6.27904	.00000	1.64072
				Min	-19.93544	-16.25858	-.57813
			1.81	MAX u-X	6.27904	.00000	1.64072
			1.81	MIN u-X	-19.93544	-16.25858	-.57813
			.00	MAX u-Y	4.23950	.00000	1.30374
			1.81	MIN u-Y	-19.93544	-16.25858	-.57813
			1.81	MAX u-Z	6.27904	.00000	1.64072
			.00	MIN u-Z	-14.78468	-11.79168	-.65875
100	LK1	53	.00	Max	6.27904	.00000	1.64072
				Min	-19.93544	-16.25858	-.57813
		61	.90	Max	7.37201	.00000	1.79465
				Min	-22.75317	-18.10338	-.47980
			.90	MAX u-X	7.37201	.00000	1.79465
			.90	MIN u-X	-22.75317	-18.10338	-.47980
			.00	MAX u-Y	6.27904	.00000	1.64072
			.90	MIN u-Y	-22.75317	-18.10338	-.47980
			.90	MAX u-Z	7.37201	.00000	1.79465
			.00	MIN u-Z	-19.93544	-16.25858	-.57813
101	LK1	61	.00	Max	7.37201	.00000	1.79465
				Min	-22.75317	-18.10338	-.47980
		58	.60	Max	8.10669	.00000	1.79508
				Min	-24.33529	-19.22099	-.47959
			.60	MAX u-X	8.10669	.00000	1.79508
			.60	MIN u-X	-24.33529	-19.22099	-.47959
			.00	MAX u-Y	7.37201	.00000	1.79465
			.60	MIN u-Y	-24.33529	-19.22099	-.47959
			.60	MAX u-Z	8.10669	.00000	1.79508
			.00	MIN u-Z	-22.75317	-18.10338	-.47980
102	LK1	30	.00	Max	29.31822	.00000	1.91405
				Min	-7.39177	-15.37650	-.20768
		63	1.11	Max	29.31812	.00000	4.39268
				Min	-7.39175	-9.10694	-.03166
			.00	MAX u-X	29.31822	.00000	1.91405
			.00	MIN u-X	-7.39177	-15.37650	-.20768
			.00	MAX u-Y	29.31822	.00000	1.91405
			.00	MIN u-Y	-7.39177	-15.37650	-.20768
			1.11	MAX u-Z	29.31812	.00000	4.39268
			.00	MIN u-Z	-7.39177	-15.37650	-.20768
103	LK1	30	.00	Max	29.31822	.00000	1.91405
				Min	-7.39177	-15.37650	-.20768
		62	.30	Max	29.31821	.00000	1.72320
				Min	-7.39177	-17.06793	-.73286
			.00	MAX u-X	29.31822	.00000	1.91405
			.00	MIN u-X	-7.39177	-15.37650	-.20768
			.00	MAX u-Y	29.31822	.00000	1.91405
			.30	MIN u-Y	-7.39177	-17.06793	-.73286
			.00	MAX u-Z	29.31822	.00000	1.91405
			.30	MIN u-Z	-7.39177	-17.06793	-.73286
104	LK1	62	.00	Max	29.31821	.00000	1.72320
				Min	-7.39177	-17.06793	-.73286
		64	.60	Max	27.43143	.00000	1.72282
				Min	-6.76136	-16.20219	-.73309
			.00	MAX u-X	29.31821	.00000	1.72320
			.00	MIN u-X	-7.39177	-17.06793	-.73286
			.00	MAX u-Y	29.31821	.00000	1.72320
			.00	MIN u-Y	-7.39177	-17.06793	-.73286
			.00	MAX u-Z	29.31821	.00000	1.72320
			.60	MIN u-Z	-6.76136	-16.20219	-.73309
105	LK1	63	.00	Max	29.31812	.00000	4.39268
				Min	-7.39175	-9.10694	-.03166
		65	.60	Max	27.42979	.00000	4.39204
				Min	-6.76086	-8.45132	-.03162
			.00	MAX u-X	29.31812	.00000	4.39268
			.00	MIN u-X	-7.39175	-9.10694	-.03166
			.00	MAX u-Y	29.31812	.00000	4.39268
			.00	MIN u-Y	-7.39175	-9.10694	-.03166
			.00	MAX u-Z	29.31812	.00000	4.39268
			.00	MIN u-Z	-7.39175	-9.10694	-.03166
106	LK1	76	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		75	.40	Max	4.98169	.00000	.09033
				Min	-.82589	-.09045	-.11080
			.40	MAX u-X	4.98169	.00000	.09033
			.40	MIN u-X	-.82589	-.09045	-.11080
			.00	MAX u-Y	.00000	.00000	.00000
			.40	MIN u-Y	-.82589	-.09045	-.11080
			.40	MAX u-Z	4.98169	.00000	.09033
			.40	MIN u-Z	-.82589	-.09045	-.11080
107	LK1	75	.00	Max	4.98169	.00000	.09033

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
107	LK1	75	.00	Min	-.82589	-.09045	-.11080
		73	1.87	Max	7.39715	.00000	.49527
				Min	-1.32479	-2.38999	-.53688
			.93	MAX u-X	8.86120	.00000	.29375
			.93	MIN u-X	-1.49145	-.91514	-.32288
			.00	MAX u-Y	4.98169	.00000	.09033
			1.87	MIN u-Y	-1.32479	-2.38999	-.53688
			1.87	MAX u-Z	7.39715	.00000	.49527
			1.87	MIN u-Z	-1.32479	-2.38999	-.53688
108	LK1	73	.00	Max	7.39715	.00000	.49527
				Min	-1.32479	-2.38999	-.53688
		71	1.87	Max	11.05812	.00000	.86777
				Min	-2.29325	-6.37435	-.79272
			1.87	MAX u-X	11.05812	.00000	.86777
			1.87	MIN u-X	-2.29325	-6.37435	-.79272
			.00	MAX u-Y	7.39715	.00000	.49527
			1.87	MIN u-Y	-2.29325	-6.37435	-.79272
			1.87	MAX u-Z	11.05812	.00000	.86777
			1.87	MIN u-Z	-2.29325	-6.37435	-.79272
109	LK1	71	.00	Max	11.05812	.00000	.86777
				Min	-2.29325	-6.37435	-.79272
		68	1.88	Max	16.26590	.00000	1.21226
				Min	-3.67180	-10.49619	-.91676
			1.88	MAX u-X	16.26590	.00000	1.21226
			1.88	MIN u-X	-3.67180	-10.49619	-.91676
			.00	MAX u-Y	11.05812	.00000	.86777
			1.88	MIN u-Y	-3.67180	-10.49619	-.91676
			1.88	MAX u-Z	16.26590	.00000	1.21226
			1.88	MIN u-Z	-3.67180	-10.49619	-.91676
110	LK1	68	.00	Max	16.26590	.00000	1.21226
				Min	-3.67180	-10.49619	-.91676
		66	2.12	Max	23.44795	.00000	1.56441
				Min	-5.68346	-14.52104	-.86055
			2.12	MAX u-X	23.44795	.00000	1.56441
			2.12	MIN u-X	-5.68346	-14.52104	-.86055
			.00	MAX u-Y	16.26590	.00000	1.21226
			2.12	MIN u-Y	-5.68346	-14.52104	-.86055
			2.12	MAX u-Z	23.44795	.00000	1.56441
			.00	MIN u-Z	-3.67180	-10.49619	-.91676
111	LK1	66	.00	Max	23.44795	.00000	1.56441
				Min	-5.68346	-14.52104	-.86055
		64	1.06	Max	27.43143	.00000	1.72282
				Min	-6.76136	-16.20219	-.73309
			1.06	MAX u-X	27.43143	.00000	1.72282
			1.06	MIN u-X	-6.76136	-16.20219	-.73309
			.00	MAX u-Y	23.44795	.00000	1.56441
			1.06	MIN u-Y	-6.76136	-16.20219	-.73309
			1.06	MAX u-Z	27.43143	.00000	1.72282
			.00	MIN u-Z	-5.68346	-14.52104	-.86055
112	LK1	77	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		74	1.33	Max	6.05352	.00000	.89004
				Min	-.97410	-.23008	-.03401
			1.33	MAX u-X	6.05352	.00000	.89004
			1.33	MIN u-X	-.97410	-.23008	-.03401
			.00	MAX u-Y	.00000	.00000	.00000
			1.33	MIN u-Y	-.97410	-.23008	-.03401
			1.33	MAX u-Z	6.05352	.00000	.89004
			1.33	MIN u-Z	-.97410	-.23008	-.03401
113	LK1	74	.00	Max	6.05352	.00000	.89004
				Min	-.97410	-.23008	-.03401
		72	1.87	Max	9.09196	.00000	1.95159
				Min	-1.70289	-1.29817	-.05442
			1.87	MAX u-X	9.09196	.00000	1.95159
			1.87	MIN u-X	-1.70289	-1.29817	-.05442
			.00	MAX u-Y	6.05352	.00000	.89004
			1.87	MIN u-Y	-1.70289	-1.29817	-.05442
			1.87	MAX u-Z	9.09196	.00000	1.95159
			1.87	MIN u-Z	-1.70289	-1.29817	-.05442
114	LK1	72	.00	Max	9.09196	.00000	1.95159
				Min	-1.70289	-1.29817	-.05442
		70	1.88	Max	13.67107	.00000	2.88457
				Min	-2.89008	-3.19103	-.05523
			1.88	MAX u-X	13.67107	.00000	2.88457
			1.88	MIN u-X	-2.89008	-3.19103	-.05523
			.00	MAX u-Y	9.09196	.00000	1.95159
			1.88	MIN u-Y	-2.89008	-3.19103	-.05523
			1.88	MAX u-Z	13.67107	.00000	2.88457
			1.88	MIN u-Z	-2.89008	-3.19103	-.05523
115	LK1	70	.00	Max	13.67107	.00000	2.88457
				Min	-2.89008	-3.19103	-.05523
		69	.94	Max	16.26588	.00000	3.28693
				Min	-3.67180	-4.43169	-.04548
			.94	MAX u-X	16.26588	.00000	3.28693
			.94	MIN u-X	-3.67180	-4.43169	-.04548
			.00	MAX u-Y	13.67107	.00000	2.88457
			.94	MIN u-Y	-3.67180	-4.43169	-.04548
			.94	MAX u-Z	16.26588	.00000	3.28693
			.00	MIN u-Z	-2.89008	-3.19103	-.05523
116	LK1	69	.00	Max	16.26588	.00000	3.28693
				Min	-3.67180	-4.43169	-.04548
		67	1.06	Max	19.89539	.00000	3.72017
				Min	-4.54779	-5.88518	-.03695
			1.06	MAX u-X	19.89539	.00000	3.72017
			1.06	MIN u-X	-4.54779	-5.88518	-.03695
			.00	MAX u-Y	16.26588	.00000	3.28693

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
116	LK1	67	1.06	MIN u-Y	-4.54779	-5.88518	-.03695
			1.06	MAX u-Z	19.89539	.00000	3.72017
			.00	MIN u-Z	-3.67180	-4.43169	-.04548
117	LK1	67	.00	Max	19.89539	.00000	3.72017
				Min	-4.54779	-5.88518	-.03695
		65	2.12	Max	27.42979	.00000	4.39204
				Min	-6.76086	-8.45132	-.03162
			2.12	MAX u-X	27.42979	.00000	4.39204
			2.12	MIN u-X	-6.76086	-8.45132	-.03162
			.00	MAX u-Y	19.89539	.00000	3.72017
			2.12	MIN u-Y	-6.76086	-8.45132	-.03162
			2.12	MAX u-Z	27.42979	.00000	4.39204
			.00	MIN u-Z	-4.54779	-5.88518	-.03695
118	LK1	75	.00	Max	4.98169	.00000	.09033
				Min	-.82589	-.09045	-.11080
		74	1.69	Max	6.05352	.00000	.89004
				Min	-.97410	-.23008	-.03401
			1.69	MAX u-X	6.05352	.00000	.89004
			1.69	MIN u-X	-.97410	-.23008	-.03401
			.00	MAX u-Y	4.98169	.00000	.09033
			1.69	MIN u-Y	-.97410	-.23008	-.03401
			1.69	MAX u-Z	6.05352	.00000	.89004
			.00	MIN u-Z	-.82589	-.09045	-.11080
119	LK1	74	.00	Max	6.05352	.00000	.89004
				Min	-.97410	-.23008	-.03401
		73	1.69	Max	7.39715	.00000	.49527
				Min	-1.32479	-2.38999	-.53688
			1.69	MAX u-X	7.39715	.00000	.49527
			1.69	MIN u-X	-1.32479	-2.38999	-.53688
			.00	MAX u-Y	6.05352	.00000	.89004
			1.69	MIN u-Y	-1.32479	-2.38999	-.53688
			.00	MAX u-Z	6.05352	.00000	.89004
			1.69	MIN u-Z	-1.32479	-2.38999	-.53688
120	LK1	73	.00	Max	7.39715	.00000	.49527
				Min	-1.32479	-2.38999	-.53688
		72	1.69	Max	9.09196	.00000	1.95159
				Min	-1.70289	-1.29817	-.05442
			1.69	MAX u-X	9.09196	.00000	1.95159
			1.69	MIN u-X	-1.70289	-1.29817	-.05442
			.00	MAX u-Y	7.39715	.00000	.49527
			.00	MIN u-Y	-1.32479	-2.38999	-.53688
			1.69	MAX u-Z	9.09196	.00000	1.95159
			.00	MIN u-Z	-1.32479	-2.38999	-.53688
121	LK1	72	.00	Max	9.09196	.00000	1.95159
				Min	-1.70289	-1.29817	-.05442
		71	1.69	Max	11.05812	.00000	.86777
				Min	-2.29325	-6.37435	-.79272
			1.69	MAX u-X	11.05812	.00000	.86777
			1.69	MIN u-X	-2.29325	-6.37435	-.79272
			.00	MAX u-Y	9.09196	.00000	1.95159
			1.69	MIN u-Y	-2.29325	-6.37435	-.79272
			.00	MAX u-Z	9.09196	.00000	1.95159
			1.69	MIN u-Z	-2.29325	-6.37435	-.79272
122	LK1	71	.00	Max	11.05812	.00000	.86777
				Min	-2.29325	-6.37435	-.79272
		70	1.70	Max	13.67107	.00000	2.88457
				Min	-2.89008	-3.19103	-.05523
			1.70	MAX u-X	13.67107	.00000	2.88457
			1.70	MIN u-X	-2.89008	-3.19103	-.05523
			.00	MAX u-Y	11.05812	.00000	.86777
			.00	MIN u-Y	-2.29325	-6.37435	-.79272
			1.70	MAX u-Z	13.67107	.00000	2.88457
			.00	MIN u-Z	-2.29325	-6.37435	-.79272
123	LK1	70	.00	Max	13.67107	.00000	2.88457
				Min	-2.89008	-3.19103	-.05523
		68	1.70	Max	16.26590	.00000	1.21226
				Min	-3.67180	-10.49619	-.91676
			1.70	MAX u-X	16.26590	.00000	1.21226
			1.70	MIN u-X	-3.67180	-10.49619	-.91676
			.00	MAX u-Y	13.67107	.00000	2.88457
			1.70	MIN u-Y	-3.67180	-10.49619	-.91676
			.00	MAX u-Z	13.67107	.00000	2.88457
			1.70	MIN u-Z	-3.67180	-10.49619	-.91676
124	LK1	68	.00	Max	16.26590	.00000	1.21226
				Min	-3.67180	-10.49619	-.91676
		67	1.77	Max	19.89539	.00000	3.72017
				Min	-4.54779	-5.88518	-.03695
			1.77	MAX u-X	19.89539	.00000	3.72017
			1.77	MIN u-X	-4.54779	-5.88518	-.03695
			.00	MAX u-Y	16.26590	.00000	1.21226
			.00	MIN u-Y	-3.67180	-10.49619	-.91676
			1.77	MAX u-Z	19.89539	.00000	3.72017
			.00	MIN u-Z	-3.67180	-10.49619	-.91676
125	LK1	67	.00	Max	19.89539	.00000	3.72017
				Min	-4.54779	-5.88518	-.03695
		66	1.77	Max	23.44795	.00000	1.56441
				Min	-5.68346	-14.52104	-.86055
			1.77	MAX u-X	23.44795	.00000	1.56441
			1.77	MIN u-X	-5.68346	-14.52104	-.86055
			.00	MAX u-Y	19.89539	.00000	3.72017
			1.77	MIN u-Y	-5.68346	-14.52104	-.86055
			.00	MAX u-Z	19.89539	.00000	3.72017
			1.77	MIN u-Z	-5.68346	-14.52104	-.86055
126	LK1	66	.00	Max	23.44795	.00000	1.56441
				Min	-5.68346	-14.52104	-.86055
		65	1.77	Max	27.42979	.00000	4.39204

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
126	LK1	65	1.77	Min	-6.76086	-8.45132	-.03162
			1.77	MAX u-X	27.42979	.00000	4.39204
			1.77	MIN u-X	-6.76086	-8.45132	-.03162
			.00	MAX u-Y	23.44795	.00000	1.56441
			.00	MIN u-Y	-5.68346	-14.52104	-.86055
			1.77	MAX u-Z	27.42979	.00000	4.39204
			.00	MIN u-Z	-5.68346	-14.52104	-.86055
127	LK1	68	.00	Max	16.26590	.00000	1.21226
				Min	-3.67180	-10.49619	-.91676
		69	1.41	Max	16.26588	.00000	3.28693
				Min	-3.67180	-4.43169	-.04548
			.00	MAX u-X	16.26590	.00000	1.21226
			.00	MIN u-X	-3.67180	-10.49619	-.91676
			.00	MAX u-Y	16.26590	.00000	1.21226
			.00	MIN u-Y	-3.67180	-10.49619	-.91676
			1.41	MAX u-Z	16.26588	.00000	3.28693
			.00	MIN u-Z	-3.67180	-10.49619	-.91676
131	LK1	81	.00	Max	16.26585	.00000	5.94203
				Min	-3.67180	-.00786	-.80214
		69	1.03	Max	16.26588	.00000	3.28693
				Min	-3.67180	-4.43169	-.04548
			1.03	MAX u-X	16.26588	.00000	3.28693
			.00	MIN u-X	-3.67180	-.00786	-.80214
			.00	MAX u-Y	16.26585	.00000	5.94203
			1.03	MIN u-Y	-3.67180	-4.43169	-.04548
			.00	MAX u-Z	16.26585	.00000	5.94203
			.00	MIN u-Z	-3.67180	-.00786	-.80214
132	LK1	63	.00	Max	29.31812	.00000	4.39268
				Min	-7.39175	-9.10694	-.03166
		80	1.46	Max	29.32713	.00000	8.86111
				Min	-7.39175	-.90350	-1.38485
			1.46	MAX u-X	29.32713	.00000	8.86111
			.00	MIN u-X	-7.39175	-9.10694	-.03166
			.00	MAX u-Y	29.31812	.00000	4.39268
			.00	MIN u-Y	-7.39175	-9.10694	-.03166
			1.46	MAX u-Z	29.32713	.00000	8.86111
			1.46	MIN u-Z	-7.39175	-.90350	-1.38485
133	LK1	78	.00	Max	9.87516	.00000	1.95231
				Min	-26.66845	-16.72588	-.05969
		60	5.23	Max	23.26249	.00000	2.16350
				Min	-19.93255	-2.09722	.01421
			5.23	MAX u-X	23.26249	.00000	2.16350
			1.74	MIN u-X	-27.00865	-14.66393	-.03116
			.00	MAX u-Y	9.87516	.00000	1.95231
			.00	MIN u-Y	-26.66845	-16.72588	-.05969
			5.23	MAX u-Z	23.26249	.00000	2.16350
			.00	MIN u-Z	-26.66845	-16.72588	-.05969
134	LK1	16	.00	Max	27.74904	.00000	2.14133
				Min	-19.61858	-1.32871	-.13153
		13	2.22	Max	27.69051	.00000	4.54578
				Min	-19.57345	.00000	-.01902
			.00	MAX u-X	27.74904	.00000	2.14133
			.00	MIN u-X	-19.61858	-1.32871	-.13153
			.00	MAX u-Y	27.74904	.00000	2.14133
			.00	MIN u-Y	-19.61858	-1.32871	-.13153
			2.22	MAX u-Z	27.69051	.00000	4.54578
			.00	MIN u-Z	-19.61858	-1.32871	-.13153
135	LK1	28	.00	Max	26.03480	.00000	2.17598
				Min	-20.03885	-1.33011	.01583
		15	2.22	Max	26.09383	.00000	4.55965
				Min	-20.08001	.00000	.06577
			2.22	MAX u-X	26.09383	.00000	4.55965
			2.22	MIN u-X	-20.08001	.00000	.06577
			.00	MAX u-Y	26.03480	.00000	2.17598
			.00	MIN u-Y	-20.03885	-1.33011	.01583
			2.22	MAX u-Z	26.09383	.00000	4.55965
			.00	MIN u-Z	-20.03885	-1.33011	.01583
136	LK1	2	.00	Max	27.39864	.00000	.29383
				Min	-19.75405	-1.31731	.15155
		11	1.33	Max	27.34374	.00000	.65969
				Min	-19.76683	.00000	.09693
			.00	MAX u-X	27.39864	.00000	.29383
			1.33	MIN u-X	-19.76683	.00000	.09693
			.00	MAX u-Y	27.39864	.00000	.29383
			.00	MIN u-Y	-19.75405	-1.31731	.15155
			1.33	MAX u-Z	27.34374	.00000	.65969
			1.33	MIN u-Z	-19.76683	.00000	.09693
137	LK1	3	.00	Max	27.08994	.00000	.27494
				Min	-19.82520	-.43156	.13135
		6	.44	Max	27.05685	.00000	.48482
				Min	-19.82761	.00000	-.13024
			.00	MAX u-X	27.08994	.00000	.27494
			.44	MIN u-X	-19.82761	.00000	-.13024
			.00	MAX u-Y	27.08994	.00000	.27494
			.00	MIN u-Y	-19.82520	-.43156	.13135
			.44	MAX u-Z	27.05685	.00000	.48482
			.44	MIN u-Z	-19.82761	.00000	-.13024
138	LK1	4	.00	Max	26.39783	.00000	.29394
				Min	-19.90649	-1.31702	.15156
		9	1.33	Max	26.44905	.00000	.64640
				Min	-19.88938	.00000	.09878
			1.33	MAX u-X	26.44905	.00000	.64640
			.00	MIN u-X	-19.90649	-1.31702	.15156
			.00	MAX u-Y	26.39783	.00000	.29394
			.00	MIN u-Y	-19.90649	-1.31702	.15156
			1.33	MAX u-Z	26.44905	.00000	.64640

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
138	LK1	9	1.33	MIN u-Z	-19.88938	.00000	.09878
139	LK1	5	.00	Max	26.70349	.00000	.27490
				Min	-19.83228	-.43208	.13140
		7	.44	Max	26.73237	.00000	.48539
				Min	-19.82569	.00000	-.13152
			.44	MAX u-X	26.73237	.00000	.48539
			.00	MIN u-X	-19.83228	-.43208	.13140
			.00	MAX u-Y	26.70349	.00000	.27490
			.00	MIN u-Y	-19.83228	-.43208	.13140
			.44	MAX u-Z	26.73237	.00000	.48539
			.44	MIN u-Z	-19.82569	.00000	-.13152
140	LK1	2	.00	Max	27.39864	.00000	.29383
				Min	-19.75405	-1.31731	.15155
		85	16.34	Max	35.48161	.00000	.00000
				Min	-18.59600	.00000	.00000
			16.34	MAX u-X	35.48161	.00000	.00000
			.00	MIN u-X	-19.75405	-1.31731	.15155
			.00	MAX u-Y	27.39864	.00000	.29383
			7.26	MIN u-Y	-19.18340	-23.55496	.11844
			.00	MAX u-Z	27.39864	.00000	.29383
			16.34	MIN u-Z	-18.59600	.00000	.00000
141	LK1	3	.00	Max	27.08994	.00000	.27494
				Min	-19.82520	-.43156	.13135
		86	16.67	Max	36.03413	.00000	.00000
				Min	-21.57552	.00000	.00000
			16.67	MAX u-X	36.03413	.00000	.00000
			16.67	MIN u-X	-21.57552	.00000	.00000
			.00	MAX u-Y	27.08994	.00000	.27494
			7.41	MIN u-Y	-20.59167	-25.04512	.10862
			.00	MAX u-Z	27.08994	.00000	.27494
			16.67	MIN u-Z	-21.57552	.00000	.00000
142	LK1	5	.00	Max	26.70349	.00000	.27490
				Min	-19.83228	-.43208	.13140
		87	16.67	Max	26.25119	.00000	.00000
				Min	-26.52808	.00000	.00000
			.00	MAX u-X	26.70349	.00000	.27490
			16.67	MIN u-X	-26.52808	.00000	.00000
			.00	MAX u-Y	26.70349	.00000	.27490
			8.33	MIN u-Y	-22.26973	-25.39608	.10180
			.00	MAX u-Z	26.70349	.00000	.27490
			16.67	MIN u-Z	-26.52808	.00000	.00000
143	LK1	4	.00	Max	26.39783	.00000	.29394
				Min	-19.90649	-1.31702	.15156
		88	16.34	Max	27.49770	.00000	.00000
				Min	-30.46728	.00000	.00000
			16.34	MAX u-X	27.49770	.00000	.00000
			16.34	MIN u-X	-30.46728	.00000	.00000
			.00	MAX u-Y	26.39783	.00000	.29394
			7.26	MIN u-Y	-24.53552	-23.55478	.11845
			.00	MAX u-Z	26.39783	.00000	.29394
			16.34	MIN u-Z	-30.46728	.00000	.00000
144	LK1	16	.00	Max	27.74904	.00000	2.14133
				Min	-19.61858	.00000	-.13153
		93	1.12	Max	26.50393	4.77280	2.14481
				Min	-23.32337	.00000	-.12805
			.00	MAX u-X	27.74904	.00000	2.14133
			1.12	MIN u-X	-23.32337	.00000	-.12805
			1.12	MAX u-Y	26.50393	4.77280	2.14481
			.00	MIN u-Y	-19.61858	.00000	-.13153
			1.12	MAX u-Z	26.50393	4.77280	2.14481
			.00	MIN u-Z	-19.61858	.00000	-.13153
145	LK1	2	.00	Max	27.39864	.00000	.29383
				Min	-19.75405	-1.31731	.15155
		91	.79	Max	27.44808	2.10090	.29556
				Min	-20.25028	.00000	.15328
			.79	MAX u-X	27.44808	2.10090	.29556
			.79	MIN u-X	-20.25028	.00000	.15328
			.79	MAX u-Y	27.44808	2.10090	.29556
			.00	MIN u-Y	-19.75405	-1.31731	.15155
			.79	MAX u-Z	27.44808	2.10090	.29556
			.00	MIN u-Z	-19.75405	-1.31731	.15155
146	LK1	3	.00	Max	27.08994	.00000	.27494
				Min	-19.82520	-.43156	.13135
		89	.46	Max	26.88565	1.76664	.27553
				Min	-19.81945	.00000	.13194
			.00	MAX u-X	27.08994	.00000	.27494
			.00	MIN u-X	-19.82520	-.43156	.13135
			.46	MAX u-Y	26.88565	1.76664	.27553
			.00	MIN u-Y	-19.82520	-.43156	.13135
			.46	MAX u-Z	26.88565	1.76664	.27553
			.00	MIN u-Z	-19.82520	-.43156	.13135
147	LK1	5	.00	Max	26.70349	.00000	.27490
				Min	-19.83228	-.43208	.13140
		90	.46	Max	26.90238	1.76612	.27549
				Min	-19.83388	.00000	.13199
			.46	MAX u-X	26.90238	1.76612	.27549
			.46	MIN u-X	-19.83388	.00000	.13199
			.46	MAX u-Y	26.90238	1.76612	.27549
			.00	MIN u-Y	-19.83228	-.43208	.13140
			.46	MAX u-Z	26.90238	1.76612	.27549
			.00	MIN u-Z	-19.83228	-.43208	.13140
148	LK1	4	.00	Max	26.39783	.00000	.29394
				Min	-19.90649	-1.31702	.15156
		92	.79	Max	26.80357	2.10119	.29567
				Min	-19.85477	.00000	.15329
			.79	MAX u-X	26.80357	2.10119	.29567

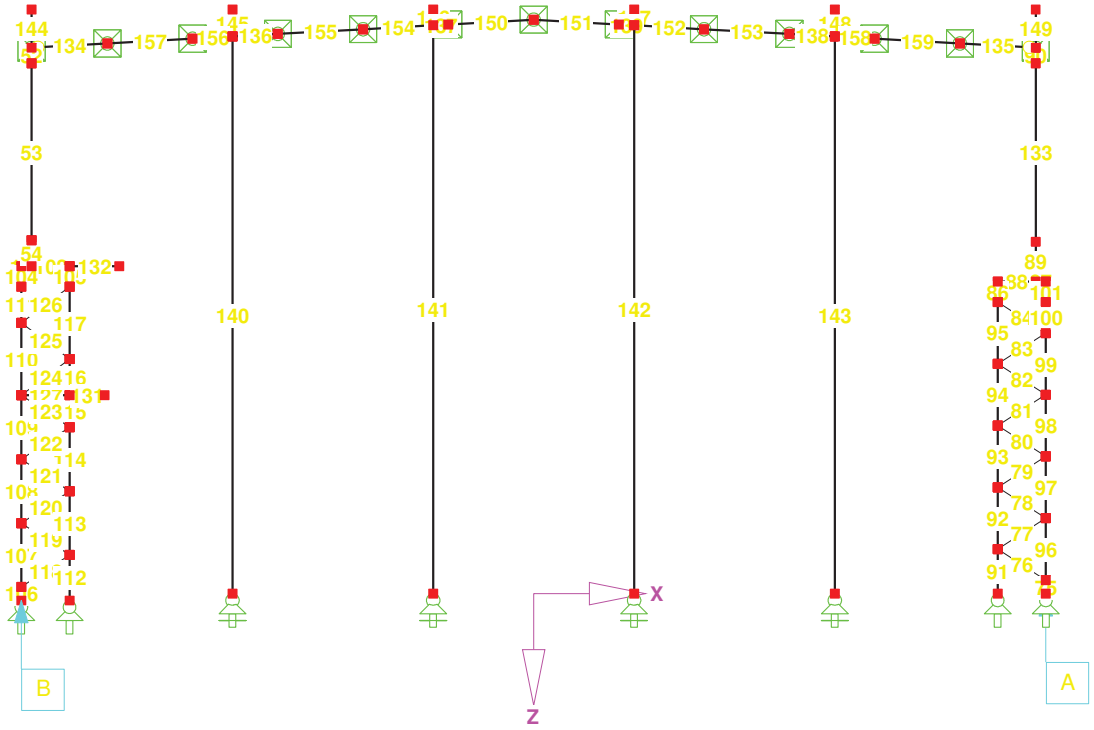
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
148	LK1	92	.00	MIN u-X	-19.90649	-1.31702	.15156
			.79	MAX u-Y	26.80357	2.10119	.29567
			.00	MIN u-Y	-19.90649	-1.31702	.15156
			.79	MAX u-Z	26.80357	2.10119	.29567
			.00	MIN u-Z	-19.90649	-1.31702	.15156
149	LK1	28	.00	Max	26.03480	.00000	2.17598
				Min	-20.03885	.00000	.01583
		94	1.12	Max	33.59895	4.93073	2.17946
				Min	-21.09564	.00000	.01931
			1.12	MAX u-X	33.59895	4.93073	2.17946
			1.12	MIN u-X	-21.09564	.00000	.01931
			1.12	MAX u-Y	33.59895	4.93073	2.17946
			.00	MIN u-Y	-20.03885	.00000	.01583
			1.12	MAX u-Z	33.59895	4.93073	2.17946
			.00	MIN u-Z	-20.03885	.00000	.01583
150	LK1	6	.00	Max	27.05685	.00000	.48482
				Min	-19.82761	.00000	-.13024
		1	2.50	Max	26.89465	.00000	2.03374
				Min	-19.82663	.00000	-1.34934
			.00	MAX u-X	27.05685	.00000	.48482
			.00	MIN u-X	-19.82761	.00000	-.13024
			1.25	MAX u-Y	26.97028	.36215	1.50625
			.00	MIN u-Y	-19.82761	.00000	-.13024
			2.50	MAX u-Z	26.89465	.00000	2.03374
			2.50	MIN u-Z	-19.82663	.00000	-1.34934
151	LK1	7	.00	Max	26.73237	.00000	.48539
				Min	-19.82569	.00000	-.13152
		1	2.50	Max	26.89465	.00000	2.03374
				Min	-19.82663	.00000	-1.34934
			2.50	MAX u-X	26.89465	.00000	2.03374
			1.25	MIN u-X	-19.83104	.00000	-.94118
			1.25	MAX u-Y	26.81889	.36230	1.50705
			.00	MIN u-Y	-19.82569	.00000	-.13152
			2.50	MAX u-Z	26.89465	.00000	2.03374
			2.50	MIN u-Z	-19.82663	.00000	-1.34934
152	LK1	8	.00	Max	26.54665	.00000	1.44124
				Min	-19.87686	.00000	.12353
		5	2.05	Max	26.70349	.00000	.27490
				Min	-19.83228	-.43208	.13140
			2.05	MAX u-X	26.70349	.00000	.27490
			.00	MIN u-X	-19.87686	.00000	.12353
			.00	MAX u-Y	26.54665	.00000	1.44124
			1.03	MIN u-Y	-19.85054	-.59760	.12772
			.00	MAX u-Z	26.54665	.00000	1.44124
			.00	MIN u-Z	-19.87686	.00000	.12353
153	LK1	9	.00	Max	26.44905	.00000	.64640
				Min	-19.88938	.00000	.09878
		8	2.50	Max	26.54665	.00000	1.44124
				Min	-19.87686	.00000	.12353
			2.50	MAX u-X	26.54665	.00000	1.44124
			1.25	MIN u-X	-19.89078	.00000	.11755
			1.25	MAX u-Y	26.48544	.55847	1.40260
			.00	MIN u-Y	-19.88938	.00000	.09878
			2.50	MAX u-Z	26.54665	.00000	1.44124
			.00	MIN u-Z	-19.88938	.00000	.09878
154	LK1	10	.00	Max	27.24311	.00000	1.45011
				Min	-19.77639	.00000	.12441
		3	2.06	Max	27.08994	.00000	.27494
				Min	-19.82520	-.43156	.13135
			.00	MAX u-X	27.24311	.00000	1.45011
			2.06	MIN u-X	-19.82520	-.43156	.13135
			.00	MAX u-Y	27.24311	.00000	1.45011
			1.03	MIN u-Y	-19.80273	-.59745	.12813
			.00	MAX u-Z	27.24311	.00000	1.45011
			.00	MIN u-Z	-19.77639	.00000	.12441
155	LK1	11	.00	Max	27.34374	.00000	.65969
				Min	-19.76683	.00000	.09693
		10	2.50	Max	27.24311	.00000	1.45011
				Min	-19.77639	.00000	.12441
			.00	MAX u-X	27.34374	.00000	.65969
			2.50	MIN u-X	-19.77639	.00000	.12441
			1.25	MAX u-Y	27.30452	.55856	1.41665
			.00	MIN u-Y	-19.76683	.00000	.09693
			2.50	MAX u-Z	27.24311	.00000	1.45011
			.00	MIN u-Z	-19.76683	.00000	.09693
156	LK1	12	.00	Max	27.49282	.00000	1.85132
				Min	-19.69102	.00000	.05409
		2	1.17	Max	27.39864	.00000	.29383
				Min	-19.75405	-1.31731	.15155
			.00	MAX u-X	27.49282	.00000	1.85132
			1.17	MIN u-X	-19.75405	-1.31731	.15155
			.00	MAX u-Y	27.49282	.00000	1.85132
			1.17	MIN u-Y	-19.75405	-1.31731	.15155
			.00	MAX u-Z	27.49282	.00000	1.85132
			.00	MIN u-Z	-19.69102	.00000	.05409
157	LK1	13	.00	Max	27.69051	.00000	4.54578
				Min	-19.57345	.00000	-.01902
		12	2.50	Max	27.49282	.00000	1.85132
				Min	-19.69102	.00000	.05409
			.00	MAX u-X	27.69051	.00000	4.54578
			2.50	MIN u-X	-19.69102	.00000	.05409
			1.25	MAX u-Y	27.60527	.56071	3.78886
			.00	MIN u-Y	-19.57345	.00000	-.01902
			.00	MAX u-Z	27.69051	.00000	4.54578
			.00	MIN u-Z	-19.57345	.00000	-.01902
158	LK1	14	.00	Max	26.29534	.00000	1.84972

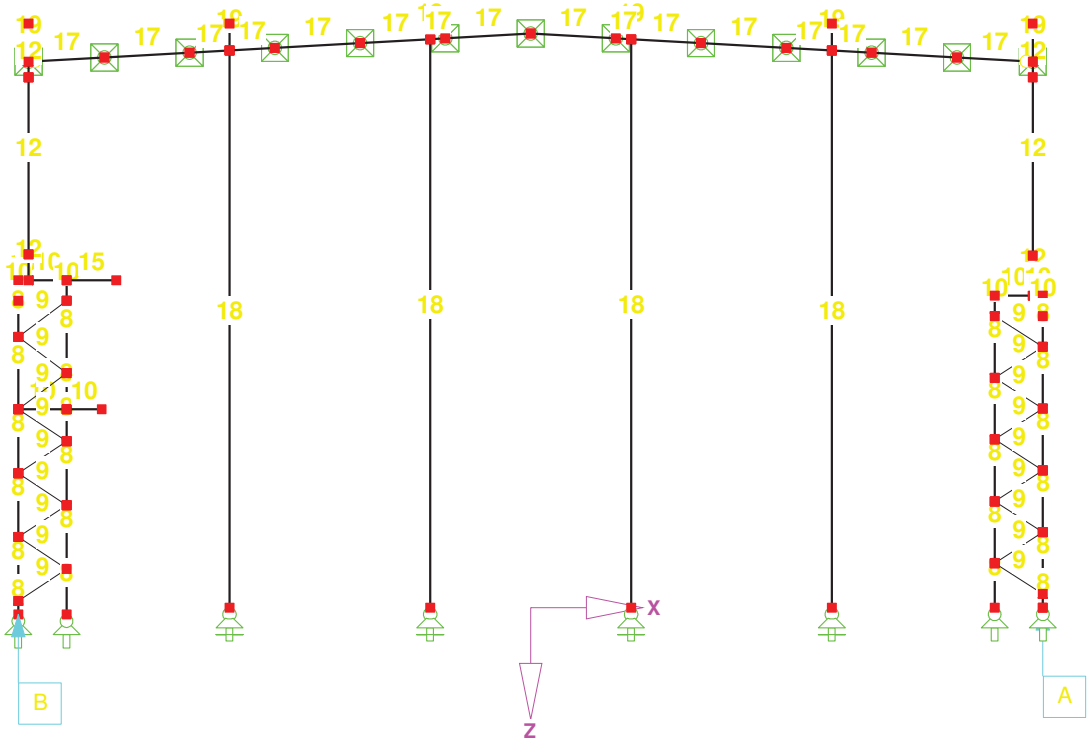
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
158	LK1	14	.00	Min	-19.96227	.00000	.07720
		4	1.17	Max	26.39783	.00000	.29394
				Min	-19.90649	-1.31702	.15156
			1.17	MAX u-X	26.39783	.00000	.29394
			.00	MIN u-X	-19.96227	.00000	.07720
			.00	MAX u-Y	26.29534	.00000	1.84972
			1.17	MIN u-Y	-19.90649	-1.31702	.15156
			.00	MAX u-Z	26.29534	.00000	1.84972
			.00	MIN u-Z	-19.96227	.00000	.07720
159	LK1	15	.00	Max	26.09383	.00000	4.55965
				Min	-20.08001	.00000	.06577
		14	2.50	Max	26.29534	.00000	1.84972
				Min	-19.96227	.00000	.07720
			2.50	MAX u-X	26.29534	.00000	1.84972
			.00	MIN u-X	-20.08001	.00000	.06577
			1.25	MAX u-Y	26.18119	.56094	3.79264
			.00	MIN u-Y	-20.08001	.00000	.06577
			.00	MAX u-Z	26.09383	.00000	4.55965
			1.25	MIN u-Z	-20.03935	.00000	.06436

STABNUMMERIERUNG



PROFILNUMMERIERUNG



Inhaltsverzeichnis

Das Prüfbuch besteht aus :

Stammblatt

Hersteller : **BANG**

Baujahr : **1996** Typ : **ZLK** Fabrik-Nr. : **18/74996**

Kran-Benennung (DIN 15001, Blatt 1) **Zweiträgerlaufkran**

Kran-Verwendung (DIN 15001, Blatt 2) **Montage**

Kraneinstufung (DIN 15018) H: **2** B: **3** Höchstzul. Tragfähigkeit **50** t bei — m Ausladung

Bedienungsart [2]): mitfahrender Steuerstand / Mitgängersteuerung / Programmsteuerung /
Fernbedienung - ortsfester Steuerstand - Kabel - Funk

Der Kran mit den oben angegebenen Daten und dem Typprüfungskennzeichen — entspricht nach Bauart und Ausführung dem vom Sachverständigen —
am — geprüften Baumuster (vgl. Typprüfung entsprechend § 25 Abs. 2 der Unfallverhütungsvorschrift "Krane" (VBG 9).

Die am **27.09.1996** vorgenommene Werksprüfung ergab keine Beanstandungen. Das Fabrikschild wurde mit dem Werksprüfzeichen — versehen.

Zum Prüfbuch gehören die oben angegebenen Blätter.

Plauen,den 27.09.1996

(Ort, Datum)

BANG FÖRDERTECHNIK
Hohe Straße 3
08606 Oelsnitz/V.
03 74 21 / 48 50 u. Fax 4 85 22

(Unterschrift des verantwortlichen Werksprüfers bei typgeprüften Kranen)

(Ort, Datum)

(Unterschrift Kranhersteller/Lieferer)

2) Nichtzutreffendes streichen

BANG FÖRDERTECHNIK
Hohe Straße 3
08606 Oelsnitz/V.
Tel. 03 74 21 / 48 50 u. Fax 4 85 22

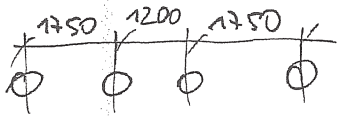
6. Angaben für die Kranbahn

6.1. Krandaten Berechnung nach DIN 15018

Tragkraft Haupthub 500 kN Hubgeschwindigkeit vH = 8.0 m/min Beanspruchungsgruppe
Hilfshub 0 kN Kranfahrgeschwindigkeit vKr = 63.0 m/min Hauptträger - B4
Kopfträger - B4
Hubklasse - H3

Spannweite des Krans s1 = 27000 mm
Radstand des Krans ev = 4700 mm Laufraddurchmesser LD = 500 mm
Radstände der Koppelhälften C/D EC/ED = 1750/1750 mm Spurspiel SSP = 15 mm
Breite der Kranschiene SB = 60 mm

Schräglaufwinkel al = 4.67 °/oo
Kraftschlußbeiwert f = .207 Pufferschwingbeiwert FSP = 1.25



6.2. Kranradlasten [kN]

6.2.1. Vertikal

	max 1	min	max 5	min	max 6	min	max 2	min
Kran und Katze (G)	62.8	51.9	52.7	33.9	54.3	35.5	49.5	38.6
Hublast (P)	84.1	.7	144.1	1.2	144.1	1.2	84.1	.7
Superposition (GP)	146.9	52.5	196.8	35.1	198.4	36.7	133.6	39.3

	max 3	min	max 7	min	max 8	min	max 4	min
Kran und Katze (G)	57.7	46.7	53.9	35.1	54.1	35.3	49.5	38.6
Hublast (P)	84.1	.7	144.1	1.2	144.1	1.2	84.1	.7
Superposition (GP)	141.8	47.4	198.0	36.3	198.2	36.5	133.6	39.3

6.2.2. Horizontal aus Antrieben (HM)

	1	2	3	4
Katze auf Seite A	35.7	-35.7	10.5	-10.5
Katze auf Seite B	10.6	-10.6	34.9	-34.9

6.2.3. Horizontal aus Schräglauf (HS) Schräglaufkraft SC/SD = 62.8/ 62.8 kN

	S bei	1	5	6	2	3	7	8	4
Katze auf Seite A	BC	34.9	17.9	6.3	-10.6	10.3	5.3	1.9	-3.1
	BD	-10.6	6.3	17.9	34.9	-3.1	1.9	5.3	10.3
Katze auf Seite B	AC	10.5	5.4	1.9	-3.2	34.7	17.8	6.3	-10.6
	AD	-3.2	1.9	5.4	10.5	-10.6	6.3	17.8	34.7

6.3. Pufferkraft (incl. Schwingbeiwert)

Vom Krantragwerk aufnehmbarer Pufferstoß insgesamt : Pu = 306.0 kN Auf Seite A max. 58.5 %
Kinetische Energie des Krans bei v = .85*vKr : Bkin = 14.93 kNm Auf Seite B max. 57.4 %

Fabrik Nr. 18174996

Zusatzstammblatt Laufkatze/Auslegerkran/Brückenkran/Portalkran

Blatt Nr. 3

Allgemeine Angaben		Kran	Katze 1	Katze 2	Bemerkungen/weitere Angaben[1]
Spurmittenmaß	mm	27000	2500	2500	
nutzb. Hakenweg	m	9,0	9,0	9,0	
nutzb. Ausladung	m	-	–	–	
Tragfähigkeit	t	2 x 25 t	25 t	25 t	
Gewicht[2]	t	24,5	2,63	2,63	
Anzahl der Räder		8	4	4	
Raddurchmesser	mm	500	280	280	
Radstand	mm	2300/1200	1250	1250	
Radlast max.	kN x	198,4	70	70	
min.	t	35,1	6,75	6,75	
Antriebsart		elektrisch	elektrisch	elektrisch	
Betriebsspannung	V	400	400	400	
Steuerspannung	V	230	230	230	

Triebwerke	Triebwerkgruppe	max.[3] Geschw. m/min	Motor Typ	Schutzart	kW	% ED	Art der Steuerung[4]	Bremse	Tragmittel Art[5]	Blatt
Hubwerk 1 (25 t Hubwerk)	2 m	12	GM 5250 H06	IP 55	37,6	25/15	Schütz/Umrichter	Scheibe	Seil	
Hubwerk 2 gleich 1 (25 t Hubwerk)			322.82.103							
Kranfahrwerk	2m	60	SEW	IP 55	15	40	Schütz/Umrichter	Scheibe	–	–
Katzfahrwerk 1 = 2	2m	30	GE 2833	IP 55	8,0	25	Schütz/Umrichter	Scheibe	–	–
Katzfahrwerk 2										
Drehwerk										
Einziehwerk										

1) Z. B. zugeordnete Lastaufnahmemittel, Windsicherung, Auffahrsicherung, Überlastsicherung, besondere Einrichtungen.
2) Beim Kran das Gesamtgewicht.
3) Rechnerische Geschwindigkeit.
4) Z. B. elektrisch, hydraulisch, pneumatisch, mechanisch.
5) Z. B. Seil, Kette, Haken, eingescherte Traverse.

IFF Engineering & Consulting GmbH
Anton-Zickmantel-Str. 50, D-04249 Leipzig
Tel.:(0341) 48752-284 Fax: -236 E-Mail: info@IFFEC.de

K R A N B A H N (KB)

Version 4.72 Win

STATISCHE BERECHNUNG und NACHWEIS von KRAN- oder KATZBAHNTRÄGERN

Vorhaben : Kranbahnträger PST-Halle7
Kran 11 max

Datum : 16.10.2011

Bearbeiter : Weiner

Nähere Angaben zum Leistungsumfang des Programms sowie zu Form und Inhalt der Eingabe und der Ergebnisse enthält das Anwenderhandbuch

Programmherausgeber

IFF Engineering & Consulting GmbH Leipzig
Ingenieurgesellschaft für Fördertechnik
und Fahrzeugtechnik

Anton-Zickmantel-Str.50 D-04249 Leipzig
Ruf:(0341)48752 284 Fax:(0341)48752 236

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

0. Allgemeines

Kranbahnträger

Berechnung nach DIN 4132 (02.81) und DIN 18800 T1-3 (11.90)
gemäß Anpassungsrichtlinie Stahlbau (07/95)

Nachweisverfahren : Elastisch-Elastisch

Koordinatenbezeichnungen nach DIN 18800 T1, Bild 1

Hubklasse/Beanspruchungsgruppe H2 / B3

Durchbiegungsschranke l/w =1000

Kranschiene (aufgeklemmt) A 100

Schienenhöhe	h1 = 85.0 mm	Querschnittsfläche	A = 85.6 cm²
Kopfbreite	k = 100.0 mm	Schwerpunkt	ez = 37.4 mm
Fußbreite	b1 = 200.0 mm	Trägheitsmomente	Iy = 642.0 cm4
Eigengewicht	g = 74.3 kg/m		Iz = 1270.0 cm4
			It = 666.0 cm4

1. Trägerabschnitte, Elementteilung und Kopplungen (z.B. Gelenke)

Nr.	Abschnittslänge[mm]	Teilg.	Elementlänge[mm]	phi u uvw	uvw u	yk [mm]	zk [mm]
1	10820.0	10	1082.0				

Gesamtlänge des Trägers = 10820.0 mm

2. Stützbedingungen

Stützknoten	phi u uvw	uvw u	yr [mm]	zr [mm]	Translationsfedern u,v,w [kN/mm] / Drehfedern phiu,-v,-w [kNm/rad]		
100	101	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
101	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
103	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
105	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
107	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
109	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
110	001	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0

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Nachweis von Kran(Katz)bahnträgern Objekt -

3. Systemübersicht vgl. Grafik 1

4. Trägerprofile (bereichsweise)

Bereich von bis	Bezeichnung	Abmessungen, Kennwerte Nachweispunkte
100 110	Baustahl St 37	

h =1300.0 mm t1 = 16.0 mm
bo = 500.0 mm r1 = 0.0 mm
to = 30.0 mm h2 = 0.0 mm
bu = 400.0 mm t2 = 16.0 mm
tu = 25.0 mm r2 = 0.0 mm

yS = 0.0 mm A = 449.2 cm²
zS = 581.0 mm As = 199.2 cm²
yM = 0.0 mm g = 352.6 kg/m
zM = 395.6 mm Iy = 1247164.1 cm4
ryM = 473.8 mm Iz = 44583.3 cm4
rzM = 0.0 mm It = 828.3 cm4
rwM = 0.0 ItG = 1116.0 cm4
ipM = 567.4 mm C = 1.51333E+08 cm6
bR = 280.0 mm

Das Metergewicht g enthält keine Kranschiene !

Punkt	1	2	3	4
yp [mm]	250.0	200.0	0.0	0.0
zp [mm]	0.0	1300.0	30.0	1275.0
wM [cm²]	-951.4	1783.9	0.0	0.0
Sy [cm³]	0.0	0.0	8489.8	7065.2

5. Lastfälle und Lastkombinationen

5.1. Einzellastfälle und Schwingbeiwerte

Einzellastfälle G : Ständige Lasten des Kranbahnträgers
VK : Vertikale Verkehrslasten der Kranlaufräder
HM : Horizontallasten aus Krananfahren(bremsen)
HS : Horizontallasten aus Schräglauf
KI : Kranradlasten infolge Kippen der Laufkatze

Schwingbeiwerte phi für Kran-Nr.	1	2	3
- bei den Verformungen (Th.1.Ordng.)	1.0	1.0	1.0
- bei den Stützgrößen	1.1	1.0	1.0
- bei allen übrigen Zustandsgrößen	1.2	1.1	1.1

5.2. Lastkombinationen

Alle Stützgrößen und die Verformungen nach Th.1.Ordng. werden für ständige und veränderliche Einwirkungen getrennt errechnet, d.h.:

```
G   : G
H   : phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : KI
```

Alle übrigen Zustandsgrößen werden aus der Summe der ständigen und veränderlichen Einwirkungen bestimmt (Klammerwerte=Kran-Nr.), d.h.:

```
H   : G+phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : G+KI
B   : G+phi(1)*VK(1)+phi(2)*VK(2)
```

5.3. Teilsicherheits- und Kombinationsbeiwerte

Teilsicherheiten gmF = 1.35 für die ständigen Einwirkungen G
gmF = 1.50 für alle veränderlichen Einwirkungen
gmM = 1.10 für alle Widerstandsgrößen

Aber : gmF = gmM = 1.0 für Stützgrößen und Verformungen nach Th.1.Ordng. und für die Betriebsfestigkeit B

Kombin.-beiwerte psi = 1.0 für B, H und HZ3
psi = 0.9 für alle übrigen HZ-Fälle

6. Ständige Lasten ohne Trägereigengewicht (ständige Einwirkungen)

Außer Trägerprofil und Schiene keine ständigen Einwirkungen

7. Kranradlasten [kN] als Lastenzug (veränderliche Einwirkungen)

Anfahrmaß links eA = 1100.0 mm
Anfahrmaß rechts eB = 0.0 mm

	Kran		VK	HM		HS		KI
i	Nr.	ei[mm]	Fz	Fy	Fx	Fy	Fx	Fz
1	1	0.0	198.4	35.7	62.8	34.9	0.0	0.0
2	1	2450.0	198.4	0.0	0.0	17.9	0.0	0.0
3	1	950.0	198.4	0.0	0.0	6.3	0.0	0.0
4	1	2450.0	198.4	-35.7	62.8	-10.6	0.0	0.0

Länge des Lastenzuges = 5850.0 mm

Mittiger Lastangriff von VK in Lastkomb. B angenommen !

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Nachweis von Kran(Katz)bahnträgern Objekt -

8. Beanspruchungen Berechnung nach Theorie 1.Ordn.

8.1. Stützgrößen [kN,kNm,kNm²]

getrennt für ständ./veränderl. Einwirk. und nur mit Schwingbeiwert (phi(1)=1.1)

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg		Stellg
100	Rx	G	Rx	0.00		
			Rz	-23.10		
			Mx	0.00		
		H	Rx max	0.00	L min	0.00 L
			Rz	-548.22		-548.22
			Mx	0.00		0.00
		HZ1	Rx max	125.60	L min	-125.60 L
			Rz	-549.21		-547.24
			Mx	-0.03		0.03
		HZ2	Rx max	0.00	L min	0.00 L
			Rz	-548.22		-548.22
			Mx	-0.33		-0.33
100	Rz	G	Rx	0.00		
			Rz	-23.10		
			Mx	0.00		
		H	Rx	0.00		0.00
			Rz max	-235.99	4:110 min	-548.22 L
			Mx	0.00		0.00
		HZ1	Rx	-125.60		125.60
			Rz max	-235.00	4:110 min	-549.21 L
			Mx	-0.39		-0.03
		HZ2	Rx	0.00		0.00
			Rz max	-235.99	4:110 min	-548.22 L
			Mx	-0.38		-0.33
101	Ry	G	Ry	0.00		
			Mx	0.00		
		H	Ry max	0.00	L min	0.00 L
			Mx	0.00		0.00

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Nachweis von Kran(Katz)bahnträgern Objekt -

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg				Stellg
101	Ry	HZ1	Ry max	34.87	L	min	-34.87	L
			Mx	3.02			-3.02	
		HZ2	Ry max	33.09	L	min	-33.09	L
			Mx	2.28			-2.28	
103	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ1	Ry max	34.71	3:106	min	-34.71	3:106
			Mx	2.75			-2.75	
		HZ2	Ry max	33.80	4:108	min	-33.80	4:108
			Mx	1.78			-1.78	
105	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ1	Ry max	25.23	4:110	min	-25.23	4:110
			Mx	5.78			-5.78	
		HZ2	Ry max	30.05	4:110	min	-30.05	4:110
			Mx	3.67			-3.67	
107	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	

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Nachweis von Kran(Katz)bahnträgern Objekt -

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg				
107	Ry	HZ1	Ry max	34.71	2:104	min	-34.71	2:104
			Mx	2.75			-2.75	
		HZ2	Ry max	27.80	4:110	min	-27.80	4:110
			Mx	-2.11			2.11	
109	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ1	Ry max	57.71	4:110	min	-57.71	4:110
			Mx	-23.47			23.47	
		HZ2	Ry max	15.56	4:110	min	-15.56	4:110
			Mx	-7.82			7.82	
110	Rz	G	Rz	-23.10				
			Mx	0.00				
		H	Rz max	-324.74	L	min	-636.97	4:110
			Mx	0.00			0.00	
		HZ1	Rz max	-323.75	L	min	-637.96	4:110
			Mx	-0.93			17.37	
		HZ2	Rz max	-324.74	L	min	-636.97	4:110
			Mx	0.36			5.60	

8.2. Verformungen — getrennt für ständige und veränderliche Einwirkungen und ohne jegliche Beiwerte

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	G	v	0.00			
		w	0.00			
		phiu	0.00			

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte max	mit zugeh. Laststellung Stellg	min	Stellg
100	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ1	v	0.10	2:104	-0.10	2:104
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.08	2:104	-0.08	2:104
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
101	G	v	0.00			
		w	0.09			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	2.02	3:105	1.39	4:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	2.08	1:102	1.30	4:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	2.02	3:105	1.39	4:110
		phiu	0.00	L	0.00	L
103	G	v	0.00			
		w	0.24			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	5.27	1:102	3.76	4:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	5.39	1:102	3.56	4:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	5.27	1:102	3.76	4:110
		phiu	0.00	L	0.00	L
105	G	v	0.00			
		w	0.29			
		phiu	0.00			

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
105	H	v	0.00	L	0.00	L
		w	6.49	1:102	4.88	4:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	6.63	4:108	4.67	4:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	6.49	1:102	4.88	4:110
		phiu	0.00	L	0.00	L
107	G	v	0.00			
		w	0.24			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	5.27	4:108	4.15	4:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	5.39	4:108	3.99	4:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	5.27	4:108	4.15	4:110
		phiu	0.00	L	0.00	L
109	G	v	0.00			
		w	0.09			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	2.02	2:105	1.63	4:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	2.07	2:105	1.56	4:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	2.02	2:105	1.63	4:110
		phiu	0.00	L	0.00	L
110	G	v	0.00			
		w	0.00			
		phiu	0.00			

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
110	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ1	v	0.45	4:110	-0.45	4:110
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.14	4:110	-0.14	4:110
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L

8.3. Schnittgrößen [kN,kNm,kNm²] aus Summe der ständ.u.veränd. Einwirkg.
mit allen Beiwerten (phi(1)=1.2)

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	H	Vy	0.00	L	0.00	L
		Vz	928.27	L	417.35	4:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	0.00	L	0.00	L
		Vz	839.89	L	377.40	4:110
		N	169.56	L	-169.56	L
		My	67.07	L	-67.07	L
		Mz	0.00	L	0.00	L
		Mx	5.01	2:104	-5.01	2:104
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	838.56	L	378.73	4:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	4.25	3:105	-4.25	3:105
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	621.16	L	280.54	4:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
101	H	Vy	0.00	L	0.00	L
		Vz	922.03	L	411.11	4:110
		N	0.00	L	0.00	L
		My	1001.02	L	448.19	4:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	47.08	L	-47.08	L
		Vz	833.66	L	371.16	4:110
		N	169.56	L	-169.56	L
		My	972.46	L	337.90	4:110
		Mz	0.00	L	0.00	L
		Mx	22.66	L	-22.66	L
		Mw	5.42	2:104	-5.42	2:104
	HZ2	Vy	44.67	L	-44.67	L
		Vz	832.33	L	372.49	4:110
		N	0.00	L	0.00	L
		My	903.95	L	406.41	4:110
		Mz	0.00	L	0.00	L
		Mx	21.19	L	-21.19	L
		Mw	4.60	3:105	-4.60	3:105
	B	Vy	0.00	L	0.00	L
		Vz	616.54	L	275.92	4:110
		N	0.00	L	0.00	L
		My	669.59	L	301.04	4:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
103	H	Vy	0.00	L	0.00	L
		Vz	626.24	1:103	269.12	1:103
		N	0.00	L	0.00	L
		My	2216.42	L	1324.34	4:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	47.96	1:103	-47.96	1:103
		Vz	566.20	1:103	242.13	1:103
		N	169.56	1:103	-169.56	1:103
		My	2032.52	L	1127.59	4:110
		Mz	9.93	1:102	-9.93	1:102
		Mx	23.06	1:103	-23.06	1:103
		Mw	4.35	2:106	-4.35	2:106

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	mit zugeh. Laststellung Stellg	min	Stellg
103	HZ2	Vy	46.58	1:103	-46.58	1:103
		Vz	564.87	1:103	243.46	1:103
		N	0.00	L	0.00	L
		My	2001.87	L	1198.99	4:110
		Mz	12.97	1:102	-12.97	1:102
		Mx	22.29	1:103	-22.29	1:103
		Mw	5.04	1:102	-5.04	1:102
	B	Vy	0.00	L	0.00	L
		Vz	418.42	1:103	180.34	1:103
		N	0.00	L	0.00	L
		My	1482.86	L	888.14	4:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
105	H	Vy	0.00	L	0.00	L
		Vz	294.41	2:105	-294.41	3:105
		N	0.00	L	0.00	L
		My	2734.17	1:102	2016.36	4:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	38.07	4:110	-38.07	4:110
		Vz	266.30	2:105	-266.30	3:105
		N	84.78	L	-84.78	L
		My	2502.73	1:102	1789.62	4:110
		Mz	6.87	1:104	-6.87	1:104
		Mx	19.25	4:110	-19.25	4:110
		Mw	3.82	1:104	-3.82	1:104
	HZ2	Vy	38.73	4:110	-38.73	4:110
		Vz	264.97	2:105	-264.97	3:105
		N	0.00	L	0.00	L
		My	2469.19	1:102	1823.16	4:110
		Mz	10.96	3:107	-10.96	3:107
		Mx	18.86	4:110	-18.86	4:110
		Mw	5.30	1:104	-5.30	1:104
	B	Vy	0.00	L	0.00	L
		Vz	196.27	2:105	-196.27	3:105
		N	0.00	L	0.00	L
		My	1829.03	1:102	1350.49	4:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
107	H	Vy	0.00	L	0.00	L
		Vz	-235.46	3:107	-626.24	4:107
		N	0.00	L	0.00	L
		My	2238.14	3:107	1795.74	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	47.96	4:107	-47.96	4:107
		Vz	-211.83	3:107	-566.20	4:107
		N	84.78	1:102	-84.78	1:102
		My	2057.83	3:107	1618.92	L
		Mz	12.16	4:110	-12.16	4:110
		Mx	23.06	4:107	-23.06	4:107
		Mw	4.12	L	-4.12	L
	HZ2	Vy	22.33	4:110	-22.33	4:110
		Vz	-213.16	3:107	-564.87	4:107
		N	0.00	L	0.00	L
		My	2021.41	3:107	1623.25	L
		Mz	5.78	4:110	-5.78	4:110
		Mx	9.47	4:110	-9.47	4:110
		Mw	1.62	4:109	-1.62	4:109
	B	Vy	0.00	L	0.00	L
		Vz	-157.90	3:107	-418.42	4:107
		N	0.00	L	0.00	L
		My	1497.34	3:107	1202.41	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
109	H	Vy	0.00	L	0.00	L
		Vz	-556.33	L	-924.41	4:109
		N	0.00	L	0.00	L
		My	1003.59	4:109	605.33	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	48.20	1:104	-48.20	1:104
		Vz	-501.86	L	-835.80	4:109
		N	84.78	1:104	-84.78	1:104
		My	945.57	4:109	546.39	L
		Mz	52.15	4:110	-52.15	4:110
		Mx	22.95	4:109	-22.95	4:109
		Mw	5.42	3:106	-5.42	3:106

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
109	HZ2	Vy	15.71	4:109	-15.71	4:109
		Vz	-503.19	L	-834.46	4:109
		N	0.00	L	0.00	L
		My	906.26	4:109	547.83	L
		Mz	15.48	4:110	-15.48	4:110
		Mx	7.87	4:109	-7.87	4:109
		Mw	1.96	1:103	-1.96	1:103
	B	Vy	0.00	L	0.00	L
		Vz	-372.74	L	-618.12	4:109
		N	0.00	L	0.00	L
		My	671.31	4:109	405.80	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
110	H	Vy	0.00	L	0.00	L
		Vz	-562.57	L	-1073.50	4:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	48.20	4:110	-48.20	4:110
		Vz	-508.10	L	-970.60	4:110
		N	84.78	4:110	-84.78	4:110
		My	40.74	4:110	-40.74	4:110
		Mz	0.00	L	0.00	L
		Mx	23.45	4:110	-23.45	4:110
		Mw	0.00	L	0.00	L
	HZ2	Vy	14.31	4:110	-14.31	4:110
		Vz	-509.43	L	-969.26	4:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	7.56	4:110	-7.56	4:110
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	-377.36	L	-717.97	4:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

8.4. Allg. Spannungsnachweis [N/mm²] (vgl.Bild 2) aus Summe der ständ.u. veränd. Einw. mit allen Beiwt. (phi(1)=1.2)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg
100		H		1	sigx	0.0	218.2	L
	St37			2	sigx	0.0	218.2	L
			DHV	3	sigx	0.0	218.2	
					sigz	0.0	207.3	
					tau	39.5	207.3	
					sigv	68.4	240.0	DIN 18800/1 El.749
			DKe a=5	4	sigx	0.0	218.2	
					tau	52.6	207.3	
				5	tau	46.6	126.0	
		HZ1		1	sigx	8.4	218.2	L
				2	sigx	1.9	218.2	L
		HZ2		1	sigx	0.0	218.2	L
				2	sigx	0.0	218.2	L
101		H		1	sigx	-46.6	218.2	L
	St37			2	sigx	57.7	218.2	L
			DHV	3	sigx	-44.2	218.2	
					sigz	0.0	207.3	
					tau	39.2	207.3	
					sigv	81.1	240.0	DIN 18800/1 El.749
			DKe a=5	4	sigx	55.7	218.2	
					tau	52.2	207.3	
				5	tau	46.3	126.0	
		HZ1		1	sigx	-50.6	218.2	L
				2	sigx	55.6	218.2	4:107
		HZ2		1	sigx	-42.4	218.2	L
				2	sigx	52.7	218.2	L
103		H		1	sigx	-103.3	218.2	L
	St37			2	sigx	127.8	218.2	L
			DHV	3	sigx	-97.9	218.2	
					sigz	-79.7	218.2	
					tau	26.6	207.3	
					sigv	106.0	240.0	DIN 18800/1 El.749
			DKe a=5	4	sigx	123.3	218.2	
					tau	35.5	207.3	
				5	tau	31.4	126.0	
		HZ1		1	sigx	-101.8	218.2	1:102
				2	sigx	116.3	218.2	L
		HZ2		1	sigx	-101.0	218.2	2:104
				2	sigx	116.1	218.2	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg	
105		H		1	sigx	-127.4	218.2	1:102	
	St37			2	sigx	157.6	218.2	1:102	
			DHV	3	sigx	-120.8	218.2		
					sigz	-79.7	218.2		
					tau	-12.5	207.3		
					sigv	122.7	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	152.1	218.2		
					tau	-16.7	207.3		
				5	tau	-14.8	126.0		
		HZ1		1	sigx	-119.9	218.2	2:105	
				2	sigx	143.5	218.2	2:105	
		HZ2		1	sigx	-117.8	218.2	1:102	
				2	sigx	143.0	218.2	1:102	
107		H		1	sigx	-104.3	218.2	3:107	
	St37			2	sigx	129.0	218.2	3:107	
			DHV	3	sigx	-98.9	218.2		
					sigz	-79.7	218.2		
					tau	-26.6	207.3		
					sigv	108.1	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	124.5	218.2		
					tau	-35.5	207.3		
				5	tau	-31.4	126.0		
		HZ1		1	sigx	-102.1	218.2	4:108	
				2	sigx	119.1	218.2	3:107	
		HZ2		1	sigx	-96.8	218.2	3:107	
				2	sigx	116.6	218.2	3:107	
109		H		1	sigx	-46.8	218.2	4:109	
	St37			2	sigx	57.9	218.2	4:109	
			DHV	3	sigx	-44.3	218.2		
					sigz	-79.7	218.2		
					tau	-39.3	207.3		
					sigv	97.1	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	55.8	218.2		
					tau	-52.4	207.3		
				5	tau	-46.4	126.0		
		HZ1		1	sigx	-66.0	218.2	4:110	
				2	sigx	65.3	218.2	4:110	
		HZ2		1	sigx	-42.6	218.2	2:106	
				2	sigx	52.9	218.2	4:109	

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH711
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg
110		H		1	sigx	0.0	218.2	L
	St37			2	sigx	0.0	218.2	L
			DHV	3	sigx	0.0	218.2	
					sigz	-79.7	218.2	
					tau	-45.7	207.3	
					sigv	112.3	240.0	DIN 18800/1 El.749
			DKe a=5	4	sigx	0.0	218.2	
					tau	-60.8	207.3	
				5	tau	-53.9	126.0	
		HZ1		1	sigx	4.5	218.2	4:110
				2	sigx	1.4	218.2	4:110
		HZ2		1	sigx	0.0	218.2	L
				2	sigx	0.0	218.2	L

8.5. Betriebsfestigkeit [N/mm²] aus Summe der ständ.u.veränd. Einwirkg.
und nur mit Schwingbeiwert (phi(1)=1.2)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
100		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DHV	3	sigx	0.0	160.0	K0(1.00)	
					sigz	0.0	160.0	K1(0.00)	
					tau	26.4	92.0	K0(0.45)	
					VW	0.065	1.100		
			DKe a=5	4	sigx	0.0	160.0	K1(1.00)	
					tau	35.2	113.0	K0(0.45)	
					VW	0.114	1.100		
				5	tau	31.2	92.0	W0(0.45)	
101		B		1	sigx	-31.2	160.0	W1(0.45)	L
	St37			2	sigx	38.6	160.0	W0(0.45)	L
			DHV	3	sigx	-29.6	160.0	K0(0.45)	
					sigz	0.0	160.0	K1(0.00)	
					tau	26.2	92.0	K0(0.45)	
					VW	0.091	1.100		
			DKe a=5	4	sigx	37.3	160.0	K1(0.45)	
					tau	34.9	113.0	K0(0.45)	
					VW	0.156	1.100		
				5	tau	31.0	92.0	W0(0.45)	
103		B		1	sigx	-69.1	160.0	W1(0.60)	L
	St37			2	sigx	85.5	160.0	W0(0.60)	L
			DHV	3	sigx	-65.5	160.0	K0(0.60)	
					sigz	-53.1	160.0	K1(0.00)	
					tau	28.4	92.0	K0(-.10)	
					VW	0.162	1.100		
			DKe a=5	4	sigx	82.5	160.0	K1(0.60)	
					tau	23.7	113.0	K0(0.43)	
					VW	0.262	1.100		
				5	tau	21.0	92.0	W0(0.43)	

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
105		B		1	sigx	-85.2	160.0	W1(0.74)	1:102
	St37			2	sigx	105.4	160.0	W0(0.74)	1:102
			DHV	3	sigx	-80.8	160.0	K0(0.74)	
					sigz	-53.1	160.0	K1(0.00)	
					tau	19.0	92.0	K0(-1.0)	
					VW	0.208	1.100		
			DKe a=5	4	sigx	101.8	160.0	K1(0.74)	
					tau	11.1	85.6	K0(-1.0)	
					VW	0.337	1.100		
				5	tau	9.9	92.0	W0(-1.0)	
107		B		1	sigx	-69.8	160.0	W1(0.80)	3:107
	St37			2	sigx	86.3	160.0	W0(0.80)	3:107
			DHV	3	sigx	-66.2	160.0	K0(0.80)	
					sigz	-53.1	160.0	K1(0.00)	
					tau	-28.4	92.0	K0(-.14)	
					VW	0.164	1.100		
			DKe a=5	4	sigx	83.3	160.0	K1(0.80)	
					tau	-23.7	113.0	K0(0.38)	
					VW	0.266	1.100		
				5	tau	-21.0	92.0	W0(0.38)	
109		B		1	sigx	-31.3	160.0	W1(0.60)	4:109
	St37			2	sigx	38.7	160.0	W0(0.60)	4:109
			DHV	3	sigx	-29.7	160.0	K0(0.60)	
					sigz	-53.1	160.0	K1(0.00)	
					tau	-36.9	92.0	K0(0.15)	
					VW	0.130	1.100		
			DKe a=5	4	sigx	37.4	160.0	K1(0.60)	
					tau	-35.0	113.0	K0(0.60)	
					VW	0.156	1.100		
				5	tau	-31.0	92.0	W0(0.60)	
110		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DHV	3	sigx	0.0	160.0	K0(1.00)	
					sigz	-53.1	160.0	K1(0.00)	
					tau	-41.2	92.0	K0(0.24)	
					VW	0.173	1.100		
			DKe a=5	4	sigx	0.0	160.0	K1(1.00)	
					tau	-40.7	113.0	K0(0.53)	
					VW	0.153	1.100		
				5	tau	-36.0	92.0	W0(0.53)	

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Nachweis von Kran(Katz)bahnträgern Objekt -

8.6. Beulsicherheit des Stegs nach DIN 18800 T3, Abschn. 5 und 6

Bei gedrungenem Steg (alle Abminderungsfaktoren kappa = 1) besteht keine Beulgefahr und die Interaktionsbedingung (14) geht über in das Fließkriterium (Element 748 der DIN 18800 T1).

Schnitt 100 Beulfeld qa/b= 1/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	46.6	0 kN	L
Max. Einzelbelastg.	0.0	0.0	46.6	0 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.00	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51*******		7.20	4501 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	1.0		-15.02
Abmind'fakt. kappa	0.88	1.00	1.00
Einzelnachw.(9,10)	0.00	0.37	0.00

Interaktion (14)
0.15 < 1.0

Unterer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	46.6	0 kN	L
Max. Einzelbelastg.	0.0	0.0	46.6	0 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.00	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-0.79**********			7.20	4501 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	0.1		
Abmind'fakt. kappa	1.00	1.00	1.00
Einzelnachw.(9,10)	0.00	0.37	0.00

Interaktion (14)
0.14 < 1.0

Schnitt 101 Beulfeld qa/b= 1100/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-44.2	55.7	46.3	345 kN	L
Max. Einzelbelastg.	-44.2	55.7	46.3	345 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.88	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	10.84	3.67	2293 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-21.8		-6.67
Abmind'fakt. kappa	1.00	1.00	0.99
Einzelnachw.(9,10)	0.20	0.37	0.36

Interaktion (14)
0.24 < 1.0

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt 103 Beulfeld qa/b= 3300/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-97.9	123.3	27.7	377 kN	L
Max. Einzelbelastg.	-97.9	123.3	31.4	377 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	2.65	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.91	2.32	1450 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-212.3		-3.48
Abmind'fakt. kappa	1.00	0.97	0.86
Einzelnachw.(9,10)	0.45	0.26	0.45

Interaktion (14)
0.47 < 1.0

Schnitt 105 Beulfeld qa/b= 5500/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-120.8	152.1	14.8	557 kN	2:105
Max. Einzelbelastg.	-120.8	152.1	-14.8	557 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	4.42	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.54	2.30	1440 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-593.4		-3.45
Abmind'fakt. kappa	1.00	0.94	0.86
Einzelnachw.(9,10)	0.55	0.12	0.66

Interaktion (14)
0.71 < 1.0

Schnitt 107 Beulfeld qa/b= 3300/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-98.9	124.5	-29.7	508 kN	3:107
Max. Einzelbelastg.	-98.9	124.5	-31.4	508 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	2.65	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.91	2.32	1450 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-212.3		-3.48
Abmind'fakt. kappa	1.00	0.97	0.86
Einzelnachw.(9,10)	0.45	0.26	0.60

Interaktion (14)
0.62 < 1.0

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt 109 Beulfeld qa/b= 1100/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-44.3	55.8	-46.4	357 kN	4:109
Max. Einzelbelastg.	-44.3	55.8	-46.4	357 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.88	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	10.84	3.67	2293 kN

Beanspruch'richtg.	x	tau	z	Interaktion (14)
Wichtungsfakt. rho	-21.8		-6.67	
Abmind'fakt. kappa	1.00	1.00	0.99	0.25 < 1.0
Einzelnachw.(9,10)	0.20	0.37	0.37	

Schnitt 110 Beulfeld qa/b= 1/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	-53.9	357 kN	4:110
Max. Einzelbelastg.	0.0	0.0	-53.9	357 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.00	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51*******		7.20	4501 kN

Beanspruch'richtg.	x	tau	z	Interaktion (14)
Wichtungsfakt. rho	1.0		-15.02	
Abmind'fakt. kappa	0.88	1.00	1.00	0.34 < 1.0
Einzelnachw.(9,10)	0.00	0.43	0.37	

Unterer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	-53.9	0 kN	4:110
Max. Einzelbelastg.	0.0	0.0	-53.9	0 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.00	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-0.79**********			7.20	4501 kN

Beanspruch'richtg.	x	tau	z	Interaktion (14)
Wichtungsfakt. rho	0.1			
Abmind'fakt. kappa	1.00	1.00	1.00	0.18 < 1.0
Einzelnachw.(9,10)	0.00	0.43	0.00	

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K R A N B A H N (KB)

Version 4.72 Win

STATISCHE BERECHNUNG und NACHWEIS von KRAN- oder KATZBAHNTRÄGERN

Vorhaben : Kranbahnträger PST-Halle7
Kran 11+74 max

Datum : 16.10.2011

Bearbeiter : Weiner

Nähere Angaben zum Leistungsumfang des Programms sowie zu Form und Inhalt der Eingabe und der Ergebnisse enthält das Anwenderhandbuch

Programmherausgeber

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Nachweis von Kran(Katz)bahnträgern Objekt -

0. Allgemeines

Kranbahnträger

Berechnung nach DIN 4132 (02.81) und DIN 18800 T1-3 (11.90)
gemäß Anpassungsrichtlinie Stahlbau (07/95)

Nachweisverfahren : Elastisch-Elastisch

Koordinatenbezeichnungen nach DIN 18800 T1, Bild 1

Hubklasse/Beanspruchungsgruppe H2 / B3

Durchbiegungsschranke l/w =1000

Kranschiene (aufgeklemmt) A 100

Schienenhöhe	h1 = 85.0 mm	Querschnittsfläche	A = 85.6 cm²
Kopfbreite	k = 100.0 mm	Schwerpunkt	ez = 37.4 mm
Fußbreite	b1 = 200.0 mm	Trägheitsmomente	Iy = 642.0 cm4
Eigengewicht	g = 74.3 kg/m		Iz = 1270.0 cm4
			It = 666.0 cm4

1. Trägerabschnitte, Elementteilung und Kopplungen (z.B. Gelenke)

Nr.	Abschnitts-länge[mm]	Teilg.	Element-länge[mm]	phi u uvw uvw u	yk [mm]	zk [mm]
1	10820.0	10	1082.0			

Gesamtlänge des Trägers = 10820.0 mm

2. Stützbedingungen

Stütz-knoten	phi u uvw uvw u	yr [mm]	zr [mm]	Translationsfedern u,v,w [kN/mm] Drehfedern phiu,-v,-w [kNm/rad]		
100	101 000 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0
101	010 100 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0
103	010 100 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0
105	010 100 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0
107	010 100 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0
109	010 100 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0
110	001 000 0	0.0	0.0	0.0	0.0	0.0
				0.0	0.0	0.0

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Nachweis von Kran(Katz)bahnträgern Objekt -

3. Systemübersicht vgl. Grafik 1

4. Trägerprofile (bereichsweise)

Bereich von bis	Bezeichnung	Abmessungen, Kennwerte Nachweispunkte
100 110	Baustahl St 37	

h	=1300.0 mm	t1 =	16.0 mm
bo	= 500.0 mm	r1 =	0.0 mm
to	= 30.0 mm	h2 =	0.0 mm
bu	= 400.0 mm	t2 =	16.0 mm
tu	= 25.0 mm	r2 =	0.0 mm

yS	= 0.0 mm	A	= 449.2 cm²
zS	= 581.0 mm	As	= 199.2 cm²
yM	= 0.0 mm	g	= 352.6 kg/m
zM	= 395.6 mm	Iy	= 1247164.1 cm4
ryM	= 473.8 mm	Iz	= 44583.3 cm4
rzM	= 0.0 mm	It	= 828.3 cm4
rwM	= 0.0	ItG	= 1116.0 cm4
ipM	= 567.4 mm	C	= 1.51333E+08 cm6
		bR	= 280.0 mm

Das Metergewicht g enthält keine Kranschiene !

Punkt	1	2	3	4
yp [mm]	250.0	200.0	0.0	0.0
zp [mm]	0.0	1300.0	30.0	1275.0
wM [cm²]	-951.4	1783.9	0.0	0.0
Sy [cm³]	0.0	0.0	8489.8	7065.2

5. Lastfälle und Lastkombinationen

5.1. Einzellastfälle und Schwingbeiwerte

Einzellastfälle
- G : Ständige Lasten des Kranbahnträgers
- VK : Vertikale Verkehrslasten der Kranlaufräder
- HM : Horizontallasten aus Krananfahren(bremsen)
- HS : Horizontallasten aus Schräglauf
- KI : Kranradlasten infolge Kippen der Laufkatze

Schwingbeiwerte phi für Kran-Nr.	1	2	3
- bei den Verformungen (Th.1.Ordng.)	1.0	1.0	1.0
- bei den Stützgrößen	1.1	1.0	1.0
- bei allen übrigen Zustandsgrößen	1.2	1.1	1.1

5.2. Lastkombinationen

Alle Stützgrößen und die Verformungen nach Th.1.Ordng. werden für ständige und veränderliche Einwirkungen getrennt errechnet, d.h.:

```
G   : G
H   : phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : KI
```

Alle übrigen Zustandsgrößen werden aus der Summe der ständigen und veränderlichen Einwirkungen bestimmt (Klammerwerte=Kran-Nr.), d.h.:

```
H   : G+phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : G+KI
B   : G+phi(1)*VK(1)+phi(2)*VK(2)
```

5.3. Teilsicherheits- und Kombinationsbeiwerte

Teilsicherheiten gmF = 1.35 für die ständigen Einwirkungen G
gmF = 1.50 für alle veränderlichen Einwirkungen
gmM = 1.10 für alle Widerstandsgrößen

Aber : gmF = gmM = 1.0 für Stützgrößen und Verformungen nach Th.1.Ordng. und für die Betriebsfestigkeit B

Kombin.-beiwerte psi = 1.0 für B, H und HZ3
psi = 0.9 für alle übrigen HZ-Fälle

6. Ständige Lasten ohne Trägereigengewicht (ständige Einwirkungen)

Außer Trägerprofil und Schiene keine ständigen Einwirkungen

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Nachweis von Kran(Katz)bahnträgern Objekt -

7. Kranradlasten [kN] als Lastenzug (veränderliche Einwirkungen)

Anfahrmaß links eA = 1100.0 mm
Anfahrmaß rechts eB = 0.0 mm

i	Kran Nr.	ei[mm]	VK Fz	HM Fy	HM Fx	HS Fy	HS Fx	KI Fz
1	1	0.0	198.4	35.7	62.8	34.9	0.0	0.0
2	1	2450.0	198.4	0.0	0.0	17.9	0.0	0.0
3	1	950.0	198.4	0.0	0.0	6.3	0.0	0.0
4	1	2450.0	198.4	-35.7	62.8	-10.6	0.0	0.0
5	2	2000.0	146.9					0.0
6	2	1750.0	196.8					0.0

Länge des Lastenzuges = 9600.0 mm

Mittiger Lastangriff von VK in Lastkomb. B angenommen !

8. Beanspruchungen Berechnung nach Theorie 1.Ordn.

8.1. Stützgrößen [kN,kNm,kNm²] getrennt für ständ./veränderl. Einwirk. und nur mit Schwingbeiwert (phi(1)=1.1)

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen	Stellg		Stellg
100	Rx	G	Rx	0.00			
			Rz	-23.10			
		H	Rx max	0.00	L	min 0.00	L
			Rz	-575.79		-575.79	
		HZ1	Rx max	125.60	L	min -125.60	L
			Rz	-576.78		-574.81	
		HZ2	Rx max	0.00	L	min 0.00	L
			Rz	-575.79		-575.79	
100	Rz	G	Rx	0.00			
			Rz	-23.10			
		H	Rx	0.00		0.00	
			Rz max	-562.30	6:110	min -575.79	L
		HZ1	Rx	-125.60		125.60	
			Rz max	-561.31	6:110	min -576.78	L
		HZ2	Rx	0.00		0.00	
			Rz max	-562.30	6:110	min -575.79	L

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Nachweis von Kran(Katz)bahnträgern Objekt -

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg			Stellg
101	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ1	Ry max	34.87	L	min -34.87	L
			Mx	2.97		-2.97	
		HZ2	Ry max	33.09	L	min -33.09	L
			Mx	2.81		-2.81	
103	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ1	Ry max	5.82	6:110	min -5.82	6:110
			Mx	0.46		-0.46	
		HZ2	Ry max	22.74	6:110	min -22.74	6:110
			Mx	1.92		-1.92	
105	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ1	Ry max	11.79	L	min -11.79	L
			Mx	0.99		-0.99	
		HZ2	Ry max	4.93	6:110	min -4.93	6:110
			Mx	0.43		-0.43	

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg			Stellg
107	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ1	Ry max	30.62	6:110	min -30.62	6:110
			Mx	2.62		-2.62	
		HZ2	Ry max	10.63	6:110	min -10.63	6:110
			Mx	0.91		-0.91	
109	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ1	Ry max	2.68	L	min -2.68	L
			Mx	0.24		-0.24	
		HZ2	Ry max	1.03	L	min -1.03	L
			Mx	0.09		-0.09	
110	Rz	G	Rz	-23.10			
		H	Rz max	-640.87	L	min -654.36	6:110
		HZ1	Rz max	-639.88	L	min -655.35	6:110
		HZ2	Rz max	-640.87	L	min -654.36	6:110

8.2. Verformungen getrennt für ständige und veränderliche Einwirkungen und ohne jegliche Beiwerte

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	G	v	0.00			
		w	0.00			
		phiu	0.00			

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ1	v	0.04	6:110	-0.04	6:110
		w	0.00	L	0.00	L
		phiu	0.00	6:110	0.00	6:110
	HZ2	v	0.03	6:110	-0.03	6:110
		w	0.00	L	0.00	L
		phiu	0.00	6:110	0.00	6:110
101	G	v	0.00			
		w	0.09			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	2.15	L	2.15	6:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	2.20	L	2.10	6:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	2.15	L	2.15	6:110
		phiu	0.00	L	0.00	L
103	G	v	0.00			
		w	0.24			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	5.57	L	5.55	6:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	5.66	L	5.45	6:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	5.57	L	5.55	6:110
		phiu	0.00	L	0.00	L
105	G	v	0.00			
		w	0.29			
		phiu	0.00			

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
105	H	v	0.00	L	0.00	L
		w	6.79	L	6.76	6:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	6.89	L	6.66	6:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	6.79	L	6.76	6:110
		phiu	0.00	L	0.00	L
107	G	v	0.00			
		w	0.24			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	5.46	L	5.43	6:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	5.52	L	5.37	6:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	5.46	L	5.43	6:110
		phiu	0.00	L	0.00	L
109	G	v	0.00			
		w	0.09			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	2.09	L	2.08	6:110
		phiu	0.00	L	0.00	L
	HZ1	v	0.00	L	0.00	L
		w	2.11	L	2.05	6:110
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	2.09	L	2.08	6:110
		phiu	0.00	L	0.00	L
110	G	v	0.00			
		w	0.00			
		phiu	0.00			

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
110	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ1	v	0.04	L	-0.04	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.01	L	-0.01	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L

8.3. Schnittgrößen [kN,kNm,kNm²] aus Summe der ständ.u.veränd. Einwirkg.
mit allen Beiwerten (phi(1)=1.2)

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	H	Vy	0.00	L	0.00	L
		Vz	973.76	L	951.63	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	0.00	L	0.00	L
		Vz	880.84	L	858.25	6:110
		N	169.56	L	-169.56	L
		My	67.07	L	-67.07	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	879.51	L	859.59	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	651.49	L	636.73	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
101	H	Vy	0.00	L	0.00	L
		Vz	967.53	L	945.40	6:110
		N	0.00	L	0.00	L
		My	1050.24	L	1026.29	6:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	47.08	L	-47.08	L
		Vz	874.60	L	852.02	6:110
		N	169.56	L	-169.56	L
		My	1016.76	L	858.19	6:110
		Mz	0.00	L	0.00	L
		Mx	22.63	L	-22.63	L
		Mw	0.04	6:110	-0.04	6:110
	HZ2	Vy	44.67	L	-44.67	L
		Vz	873.27	L	853.35	6:110
		N	0.00	L	0.00	L
		My	948.25	L	926.70	6:110
		Mz	0.00	L	0.00	L
		Mx	21.46	L	-21.46	L
		Mw	0.02	6:110	-0.02	6:110
	B	Vy	0.00	L	0.00	L
		Vz	646.87	L	632.11	6:110
		N	0.00	L	0.00	L
		My	702.41	L	686.44	6:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
103	H	Vy	0.00	L	0.00	L
		Vz	597.94	L	575.80	6:110
		N	0.00	L	0.00	L
		My	2364.09	L	2335.11	6:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	4.38	6:110	-4.38	6:110
		Vz	540.72	L	518.14	6:110
		N	84.78	L	-84.78	L
		My	2165.42	L	2078.03	6:110
		Mz	2.83	6:110	-2.83	6:110
		Mx	2.08	6:110	-2.08	6:110
		Mw	1.34	6:110	-1.34	6:110

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	mit zugeh. Laststellung Stellg	min	Stellg
103	HZ2	Vy	25.86	L	-25.86	L
		Vz	539.39	L	519.47	6:110
		N	0.00	L	0.00	L
		My	2134.77	L	2108.68	6:110
		Mz	6.39	6:110	-6.39	6:110
		Mx	12.43	L	-12.43	L
		Mw	3.05	6:110	-3.05	6:110
	B	Vy	0.00	L	0.00	L
		Vz	399.55	L	384.79	6:110
		N	0.00	L	0.00	L
		My	1581.31	L	1561.99	6:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
105	H	Vy	0.00	L	0.00	L
		Vz	-128.78	L	-150.91	6:110
		N	0.00	L	0.00	L
		My	2664.14	6:110	2655.31	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	12.74	L	-12.74	L
		Vz	-114.57	L	-137.15	6:110
		N	84.78	L	-84.78	L
		My	2439.69	6:110	2364.67	L
		Mz	5.32	L	-5.32	L
		Mx	6.11	L	-6.11	L
		Mw	2.54	L	-2.54	L
	HZ2	Vy	7.93	6:110	-7.93	6:110
		Vz	-115.90	L	-135.82	6:110
		N	0.00	L	0.00	L
		My	2406.16	6:110	2398.21	L
		Mz	1.62	6:110	-1.62	6:110
		Mx	3.82	6:110	-3.82	6:110
		Mw	0.78	6:110	-0.78	6:110
	B	Vy	0.00	L	0.00	L
		Vz	-85.85	L	-100.61	6:110
		N	0.00	L	0.00	L
		My	1782.34	6:110	1776.45	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
107	H	Vy	0.00	L	0.00	L
		Vz	-498.37	L	-520.50	6:110
		N	0.00	L	0.00	L
		My	2144.08	6:110	2140.30	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	38.07	6:110	-38.07	6:110
		Vz	-448.45	L	-471.03	6:110
		N	0.00	L	0.00	L
		My	1941.08	6:110	1929.03	L
		Mz	7.83	L	-7.83	L
		Mx	18.30	6:110	-18.30	6:110
		Mw	3.77	L	-3.77	L
	HZ2	Vy	13.04	6:110	-13.04	6:110
		Vz	-449.78	L	-469.70	6:110
		N	0.00	L	0.00	L
		My	1936.76	6:110	1933.35	L
		Mz	3.01	L	-3.01	L
		Mx	6.27	6:110	-6.27	6:110
		Mw	1.45	L	-1.45	L
	B	Vy	0.00	L	0.00	L
		Vz	-333.17	L	-347.92	6:110
		N	0.00	L	0.00	L
		My	1434.64	6:110	1432.11	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
109	H	Vy	0.00	L	0.00	L
		Vz	-753.23	L	-775.36	6:110
		N	0.00	L	0.00	L
		My	857.33	L	842.31	6:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	3.62	L	-3.62	L
		Vz	-679.07	L	-701.65	6:110
		N	0.00	L	0.00	L
		My	776.08	L	759.68	6:110
		Mz	0.00	L	0.00	L
		Mx	1.75	L	-1.75	L
		Mw	0.03	L	-0.03	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
109	HZ2	Vy	1.39	L	-1.39	L
		Vz	-680.40	L	-700.32	6:110
		N	0.00	L	0.00	L
		My	774.63	L	761.12	6:110
		Mz	0.00	L	0.00	L
		Mx	0.67	L	-0.67	L
		Mw	0.01	L	-0.01	L
	B	Vy	0.00	L	0.00	L
		Vz	-504.00	L	-518.75	6:110
		N	0.00	L	0.00	L
		My	573.80	L	563.79	6:110
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
110	H	Vy	0.00	L	0.00	L
		Vz	-781.59	6:110	-1106.31	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ1	Vy	0.00	L	0.00	L
		Vz	-705.22	6:110	-1000.13	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	-706.55	6:110	-998.80	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	-523.37	6:110	-739.85	6:110
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

8.4. Allg. Spannungsnachweis [N/mm²] (vgl.Bild 2) aus Summe der ständ.u. veränd. Einw. mit allen Beiwt. (phi(1)=1.2)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg	
100		H		1	sigx	0.0	218.2	L	
	St37			2	sigx	0.0	218.2	L	
			DHV	3	sigx	0.0	218.2		
					sigz	0.0	207.3		
					tau	41.4	207.3		
					sigv	71.8	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	0.0	218.2		
					tau	55.2	207.3		
				5	tau	48.9	126.0		
		HZ1		1	sigx	8.4	218.2	L	
				2	sigx	1.9	218.2	L	
		HZ2		1	sigx	0.0	218.2	L	
				2	sigx	0.0	218.2	L	
101		H		1	sigx	-48.9	218.2	L	
	St37			2	sigx	60.5	218.2	L	
			DHV	3	sigx	-46.4	218.2		
					sigz	0.0	207.3		
					tau	41.2	207.3		
					sigv	85.1	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	58.4	218.2		
					tau	54.8	207.3		
				5	tau	48.6	126.0		
		HZ1		1	sigx	-52.6	218.2	L	
				2	sigx	56.7	218.2	L	
		HZ2		1	sigx	-44.2	218.2	L	
				2	sigx	54.7	218.2	L	
103		H		1	sigx	-110.1	218.2	L	
	St37			2	sigx	136.3	218.2	L	
			DHV	3	sigx	-104.4	218.2		
					sigz	0.0	207.3		
					tau	25.4	207.3		
					sigv	113.4	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	131.6	218.2		
					tau	33.9	207.3		
				5	tau	30.0	126.0		
		HZ1		1	sigx	-104.8	218.2	L	
				2	sigx	124.0	218.2	L	
		HZ2		1	sigx	-103.7	218.2	6:110	
				2	sigx	123.6	218.2	L	

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KBH721
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg	
105		H		1	sigx	-124.1	218.2	6:110	
	St37			2	sigx	153.6	218.2	6:110	
			DHV	3	sigx	-117.7	218.2		
					sigz	0.0	207.3		
					tau	-6.4	207.3		
					sigv	118.2	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	148.3	218.2		
					tau	-8.5	207.3		
				5	tau	-7.6	126.0		
		HZ1		1	sigx	-120.5	218.2	L	
				2	sigx	140.2	218.2	6:110	
		HZ2		1	sigx	-113.5	218.2	6:110	
				2	sigx	138.9	218.2	6:110	
107		H		1	sigx	-99.9	218.2	6:110	
	St37			2	sigx	123.6	218.2	6:110	
			DHV	3	sigx	-94.7	218.2		
					sigz	0.0	207.3		
					tau	-22.1	207.3		
					sigv	102.2	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	119.3	218.2		
					tau	-29.5	207.3		
				5	tau	-26.1	126.0		
		HZ1		1	sigx	-97.0	218.2	L	
				2	sigx	112.7	218.2	6:110	
		HZ2		1	sigx	-92.7	218.2	6:110	
				2	sigx	112.0	218.2	6:110	
109		H		1	sigx	-39.9	218.2	L	
	St37			2	sigx	49.4	218.2	L	
			DHV	3	sigx	-37.9	218.2		
					sigz	0.0	207.3		
					tau	-33.0	207.3		
					sigv	68.2	240.0	DIN 18800/1 El.749	
			DKe a=5	4	sigx	47.7	218.2		
					tau	-43.9	207.3		
				5	tau	-38.9	126.0		
		HZ1		1	sigx	-36.2	218.2	L	
				2	sigx	44.8	218.2	L	
		HZ2		1	sigx	-36.1	218.2	L	
				2	sigx	44.7	218.2	L	

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg
110		H		1	sigx	0.0	218.2	L
	St37			2	sigx	0.0	218.2	L
			DHV	3	sigx	0.0	218.2	
					sigz	-72.5	218.2	
					tau	-47.1	207.3	
					sigv	109.1	240.0	DIN 18800/1 El.749
			DKe a=5	4	sigx	0.0	218.2	
					tau	-62.7	207.3	
				5	tau	-55.5	126.0	
		HZ1		1	sigx	0.0	218.2	L
				2	sigx	0.0	218.2	L
		HZ2		1	sigx	0.0	218.2	L
				2	sigx	0.0	218.2	L

8.5. Betriebsfestigkeit [N/mm²] aus Summe der ständ.u.veränd. Einwirkg.
und nur mit Schwingbeiwert (phi(1)=1.2)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
100		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DHV	3	sigx	0.0	160.0	K0(1.00)	
					sigz	0.0	160.0	K1(0.00)	
					tau	27.7	92.0	K0(0.98)	
					VW	0.071	1.100		
			DKe a=5	4	sigx	0.0	160.0	K1(1.00)	
					tau	36.9	113.0	K0(0.98)	
					VW	0.126	1.100		
				5	tau	32.7	92.0	W0(0.98)	
101		B		1	sigx	-32.7	160.0	W1(0.98)	L
	St37			2	sigx	40.5	160.0	W0(0.98)	L
			DHV	3	sigx	-31.0	160.0	K0(0.98)	
					sigz	0.0	160.0	K1(0.00)	
					tau	27.5	92.0	K0(0.98)	
					VW	0.100	1.100		
			DKe a=5	4	sigx	39.1	160.0	K1(0.98)	
					tau	36.6	113.0	K0(0.98)	
					VW	0.171	1.100		
				5	tau	32.5	92.0	W0(0.98)	
103		B		1	sigx	-73.7	160.0	W1(0.99)	L
	St37			2	sigx	91.2	160.0	W0(0.99)	L
			DHV	3	sigx	-69.9	160.0	K0(0.99)	
					sigz	0.0	160.0	K1(0.00)	
					tau	17.0	92.0	K0(0.96)	
					VW	0.177	1.100		
			DKe a=5	4	sigx	88.0	160.0	K1(0.99)	
					tau	22.6	113.0	K0(0.96)	
					VW	0.286	1.100		
				5	tau	20.1	92.0	W0(0.96)	

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
105		B		1	sigx	-83.0	160.0	W1(1.00)	6:110
	St37			2	sigx	102.8	160.0	W0(1.00)	6:110
			DHV	3	sigx	-78.7	160.0	K0(1.00)	
					sigz	0.0	160.0	K1(0.00)	
					tau	-4.3	92.0	K0(0.85)	
					VW	0.193	1.100		
			DKe a=5	4	sigx	99.2	160.0	K1(1.00)	
					tau	-5.7	113.0	K0(0.85)	
					VW	0.307	1.100		
				5	tau	-5.1	92.0	W0(0.85)	
107		B		1	sigx	-66.8	160.0	W1(1.00)	6:110
	St37			2	sigx	82.7	160.0	W0(1.00)	6:110
			DHV	3	sigx	-63.4	160.0	K0(1.00)	
					sigz	0.0	160.0	K1(0.00)	
					tau	-14.8	92.0	K0(0.96)	
					VW	0.144	1.100		
			DKe a=5	4	sigx	79.8	160.0	K1(1.00)	
					tau	-19.7	113.0	K0(0.96)	
					VW	0.233	1.100		
				5	tau	-17.5	92.0	W0(0.96)	
109		B		1	sigx	-26.7	160.0	W1(0.98)	L
	St37			2	sigx	33.1	160.0	W0(0.98)	L
			DHV	3	sigx	-25.4	160.0	K0(0.98)	
					sigz	0.0	160.0	K1(0.00)	
					tau	-22.1	92.0	K0(0.97)	
					VW	0.065	1.100		
			DKe a=5	4	sigx	31.9	160.0	K1(0.98)	
					tau	-29.4	113.0	K0(0.97)	
					VW	0.111	1.100		
				5	tau	-26.0	92.0	W0(0.97)	
110		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DHV	3	sigx	0.0	160.0	K0(1.00)	
					sigz	-48.3	160.0	K1(0.00)	
					tau	-41.1	92.0	K0(0.31)	
					VW	0.164	1.100		
			DKe a=5	4	sigx	0.0	160.0	K1(1.00)	
					tau	-41.9	113.0	K0(0.71)	
					VW	0.162	1.100		
				5	tau	-37.1	92.0	W0(0.71)	

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Nachweis von Kran(Katz)bahnträgern Objekt -

8.6. Beulsicherheit des Stegs nach DIN 18800 T3, Abschn. 5 und 6

Bei gedrungenem Steg (alle Abminderungsfaktoren kappa = 1) besteht keine Beulgefahr und die Interaktionsbedingung (14) geht über in das Fließkriterium (Element 748 der DIN 18800 T1).

Schnitt 100 Beulfeld qa/b= 1/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	48.9	0 kN	L
Max. Einzelbelastg.	0.0	0.0	48.9	0 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.00	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51*******		7.20	4501 kN

	x	tau	z
Beanspruch'richtg.			
Wichtungsfakt. rho	1.0		-15.02
Abmind'fakt. kappa	0.88	1.00	1.00
Einzelnachw.(9,10)	0.00	0.39	0.00

Interaktion (14)
0.17 < 1.0

Unterer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	48.9	0 kN	L
Max. Einzelbelastg.	0.0	0.0	48.9	0 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.00	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-0.79**********			7.20	4501 kN

	x	tau	z
Beanspruch'richtg.			
Wichtungsfakt. rho	0.1		
Abmind'fakt. kappa	1.00	1.00	1.00
Einzelnachw.(9,10)	0.00	0.39	0.00

Interaktion (14)
0.15 < 1.0

Schnitt 101 Beulfeld qa/b= 1100/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-46.4	58.4	48.6	345 kN	L
Max. Einzelbelastg.	-46.4	58.4	48.6	345 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	0.88	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	10.84	3.67	2293 kN

	x	tau	z
Beanspruch'richtg.			
Wichtungsfakt. rho	-21.8		-6.67
Abmind'fakt. kappa	1.00	1.00	0.99
Einzelnachw.(9,10)	0.21	0.39	0.36

Interaktion (14)
0.26 < 1.0

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Schnitt 103 Beulfeld qa/b= 3300/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-104.4	131.6	30.0	377 kN	L
Max. Einzelbelastg.	-104.4	131.6	30.0	377 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	2.65	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.91	2.32	1450 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-212.3		-3.48
Abmind'fakt. kappa	1.00	0.97	0.86
Einzelnachw.(9,10)	0.48	0.25	0.45

Interaktion (14)
0.50 < 1.0

Schnitt 105 Beulfeld qa/b= 5500/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-117.7	148.3	-7.6	296 kN	6:110
Max. Einzelbelastg.	-117.7	148.3	-7.6	296 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	4.42	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.54	2.30	1440 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-593.4		-3.45
Abmind'fakt. kappa	1.00	0.94	0.86
Einzelnachw.(9,10)	0.54	0.06	0.35

Interaktion (14)
0.42 < 1.0

Schnitt 107 Beulfeld qa/b= 6600/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-94.7	119.3	-26.1	274 kN	6:110
Max. Einzelbelastg.	-94.7	119.3	-26.1	274 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	5.30	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.48	2.30	1439 kN

Beanspruch'richtg.	x	tau	z
Wichtungsfakt. rho	-855.3		-3.44
Abmind'fakt. kappa	1.00	0.94	0.86
Einzelnachw.(9,10)	0.43	0.22	0.32

Interaktion (14)
0.38 < 1.0

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt 109 Beulfeld qa/b= 5500/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	-37.2	46.9	-38.9	167 kN	6:110
Max. Einzelbelastg.	-37.9	47.7	-38.9	167 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	4.42	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.54	2.30	1440 kN

Beanspruch'richtg.	x	tau	z	Interaktion (14)
Wichtungsfakt. rho	-593.4		-3.45	
Abmind'fakt. kappa	1.00	0.94	0.86	0.24 < 1.0
Einzelnachw.(9,10)	0.17	0.33	0.20	

Schnitt 110 Beulfeld qa/b= 3300/1245 mm Baustahl St37 Lastkomb. H

Oberer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	-55.5	324 kN	6:110
Max. Einzelbelastg.	0.0	0.0	-55.5	324 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	2.65	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-1.26	30.51	5.91	2.32	1450 kN

Beanspruch'richtg.	x	tau	z	Interaktion (14)
Wichtungsfakt. rho	-212.3		-3.48	
Abmind'fakt. kappa	1.00	0.97	0.86	0.46 < 1.0
Einzelnachw.(9,10)	0.00	0.45	0.38	

Unterer Rand keine Längssteife

	sigxo	sigxu	tau	Rm	Laststellung
Randbelastg.[N/mm²]	0.0	0.0	-55.5	0 kN	6:110
Max. Einzelbelastg.	0.0	0.0	-55.5	0 kN	

	alpha	delta	gamma	sige	
Beulfeldparameter	2.65	0.00	0.00	31.4	N/mm²
	psix	ksigx	ktau	ksigz	RPi
Beulwerte/Beullast	-0.79	18.97	5.91	2.32	1450 kN

Beanspruch'richtg.	x	tau	z	Interaktion (14)
Wichtungsfakt. rho	-131.3			
Abmind'fakt. kappa	1.00	0.97	0.86	0.24 < 1.0
Einzelnachw.(9,10)	0.00	0.45	0.00	

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K R A N B A H N (KB)

Version 4.72 Win

STATISCHE BERECHNUNG und NACHWEIS von KRAN- oder KATZBAHNTRÄGERN

Vorhaben : Konsolkranbahnträger Horizontal
Erweiterung PST Halle7

Datum : 16.10.2011

Bearbeiter : Weiner

Nähere Angaben zum Leistungsumfang des Programms sowie zu Form und Inhalt der Eingabe und der Ergebnisse enthält das Anwenderhandbuch

Programmherausgeber

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Nachweis von Kran(Katz)bahnträgern Objekt -

0. Allgemeines

Kranbahnträger

Berechnung nach DIN 4132 (02.81) und DIN 18800 T1-3 (11.90)
gemäß Anpassungsrichtlinie Stahlbau (07/95)

Nachweisverfahren : Elastisch-Elastisch

Koordinatenbezeichnungen nach DIN 18800 T1, Bild 1

Hubklasse/Beanspruchungsgruppe H2 / B3

Durchbiegungsschranke l/w =1000

Kranschiene (mittragend) Qu 60
Kein Kontakt zwischen Gurt und Schiene vorausgesetzt!

Schienenhöhe	h1 =	45.0 mm	Querschnittsfläche	A =	27.0 cm²
Kopfbreite	k =	60.0 mm	Schwerpunkt	ez =	22.5 mm
Fußbreite	b1 =	60.0 mm	Trägheitsmomente	Iy =	45.6 cm4
Eigengewicht	g =	28.3 kg/m		Iz =	81.0 cm4
				It =	98.4 cm4

1. Trägerabschnitte, Elementteilung und Kopplungen (z.B. Gelenke)

Nr.	Abschnitts-länge[mm]	Teilg.	Element-länge[mm]	phi u uvw uvw u	yk [mm]	zk [mm]
1	10820.0	8	1352.5			

Gesamtlänge des Trägers = 10820.0 mm

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Nachweis von Kran(Katz)bahnträgern Objekt -

2. Stützbedingungen

Stütz-knoten	phi u uvw	phi u uvw	yr [mm]	zr [mm]	Translationsfedern u,v,w [kN/mm] / Drehfedern phiu,-v,-w [kNm/rad]		
100	101	000 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
101	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
102	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
103	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
104	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
105	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
106	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
107	010	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
108	001	000 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0

3. Systemübersicht vgl. Grafik 1

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Nachweis von Kran(Katz)bahnträgern Objekt -

4. Trägerprofile (bereichsweise)

Bereich von bis	Bezeichnung	Abmessungen, Kennwerte Nachweispunkte
100 108	Baustahl St 37	

h = 850.0 mm t1 = 10.0 mm
bo = 350.0 mm r1 = 0.0 mm
to = 20.0 mm h2 = 0.0 mm
bu = 350.0 mm t2 = 10.0 mm
tu = 20.0 mm r2 = 0.0 mm

yS = 0.0 mm A = 248.0 cm²
zS = 376.3 mm As = 81.0 cm²
yM = 0.0 mm g = 173.5 kg/m
zM = 419.7 mm Iy = 333630.0 cm4
ryM = -10.0 mm Iz = 14372.7 cm4
rzM = 0.0 mm It = 409.8 cm4
rwM = 0.0 ItG = 289.5 cm4
ipM = 377.1 mm C = 2.51076E+07 cm6
bR = 180.0 mm

Das Metergewicht g enthält keine Kranschiene !

Punkt	1	2	3	4	6
yp [mm]	175.0	175.0	0.0	0.0	30.0
zp [mm]	0.0	850.0	20.0	830.0	0.0
wM [cm²]	-723.7	735.5	0.0	0.0	-122.9
Sy [cm³]	0.0	0.0	3640.7	3246.0	1076.7

5. Lastfälle und Lastkombinationen

5.1. Einzellastfälle und Schwingbeiwerte

Einzellastfälle
G : Ständige Lasten des Kranbahnträgers
VK : Vertikale Verkehrslasten der Kranlaufräder
HM : Horizontallasten aus Krananfahren(bremsen)
HS : Horizontallasten aus Schräglauf
KI : Kranradlasten infolge Kippen der Laufkatze

Schwingbeiwerte phi für Kran-Nr.	1	2	3
- bei den Verformungen (Th.1.Ordng.)	1.0	1.0	1.0
- bei den Stützgrößen	1.1	1.0	1.0
- bei allen übrigen Zustandsgrößen	1.2	1.1	1.1

5.2. Lastkombinationen

Alle Stützgrößen und die Verformungen nach Th.1.Ordng. werden für ständige und veränderliche Einwirkungen getrennt errechnet, d.h.:

```
G   : G
H   : phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : KI
```

Alle übrigen Zustandsgrößen werden aus der Summe der ständigen und veränderlichen Einwirkungen bestimmt (Klammerwerte=Kran-Nr.), d.h.:

```
H   : G+phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : G+KI
B   : G+phi(1)*VK(1)+phi(2)*VK(2)
```

5.3. Teilsicherheits- und Kombinationsbeiwerte

Teilsicherheiten gmF = 1.35 für die ständigen Einwirkungen G
gmF = 1.50 für alle veränderlichen Einwirkungen
gmM = 1.10 für alle Widerstandsgrößen

Aber : gmF = gmM = 1.0 für Stützgrößen und Verformungen nach Th.1.Ordng. und für die Betriebsfestigkeit B

Kombin.-beiwerte psi = 1.0 für B, H und HZ3
psi = 0.9 für alle übrigen HZ-Fälle

6. Ständige Lasten ohne Trägereigengewicht (ständige Einwirkungen)

Außer Trägerprofil und Schiene keine ständigen Einwirkungen

7. Kranradlasten [kN] als Lastenzug (veränderliche Einwirkungen)

Anfahrmaß links eA = 700.0 mm
Anfahrmaß rechts eB = 0.0 mm

	Kran		VK	HM		HS		KI
i	Nr.	ei[mm]	Fz	Fy	Fx	Fy	Fx	Fz
1	1	0.0	12.2	0.0	0.0	2.8	1.6	0.0
2	1	2540.0	14.6	0.0	0.0	2.8	3.0	0.0

Länge des Lastenzuges = 2540.0 mm

Mittiger Lastangriff von VK in Lastkomb. B angenommen !

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Nachweis von Kran(Katz)bahnträgern Objekt -

8. Beanspruchungen Berechnung nach Theorie 1.Ordn.

8.1. Stützgrößen [kN,kNm,kNm²]

getrennt für ständ./veränderl. Einwirk.
und nur mit Schwingbeiwert (phi(1)=1.1)

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg			Stellg
100	Rx	G	Rx	0.00			
			Rz	-10.92			
		H	Rx max	0.00	L	min 0.00	L
			Rz	-23.73		-23.73	
		HZ2	Rx max	4.66	L	min -4.66	L
			Rz	-23.75		-23.71	
100	Rz	G	Rx	0.00			
			Rz	-10.92			
		H	Rx	0.00		0.00	
			Rz max	-3.14	2:108	min -23.73	L
		HZ2	Rx	-4.66		4.66	
			Rz max	-3.12	2:108	min -23.75	L
101	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ2	Ry max	4.37	L	min -4.37	L
			Mx	0.15		-0.15	
102	Ry	G	Ry	0.00			
			Mx	0.00			
		H	Ry max	0.00	L	min 0.00	L
			Mx	0.00		0.00	
		HZ2	Ry max	2.77	1:102	min -2.77	1:102
			Mx	0.12		-0.12	
103	Ry	G	Ry	0.00			
			Mx	0.00			

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg				Stellg
103	Ry	H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ2	Ry max	2.77	1:101	min	-2.77	1:101
			Mx	0.12			-0.12	
104	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ2	Ry max	2.76	1:102	min	-2.76	1:102
			Mx	0.12			-0.12	
105	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ2	Ry max	2.77	2:107	min	-2.77	2:107
			Mx	0.12			-0.12	
106	Ry	G	Ry	0.00				
			Mx	0.00				
		H	Ry max	0.00	L	min	0.00	L
			Mx	0.00			0.00	
		HZ2	Ry max	2.77	2:106	min	-2.77	2:106
			Mx	0.12			-0.12	
107	Ry	G	Ry	0.00				
			Mx	0.00				

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg			Stellg
107	Ry	H	Ry max	0.00	L	min	0.00 L
			Mx	0.00			0.00
		HZ2	Ry max	6.66	2:108	min	-6.66 2:108
			Mx	0.19			-0.19
108	Rz	G	Rz	-10.92			
		H	Rz max	-5.66	L	min	-26.25 2:108
		HZ2	Rz max	-5.64	L	min	-26.27 2:108

8.2. Verformungen getrennt für ständige und veränderliche Einwirkungen und ohne jegliche Beiwerte

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	G	v	0.00			
		w	0.00			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.12	L	-0.12	L
		w	0.00	L	0.00	L
		phiu	0.01	L	-0.01	L
103	G	v	0.00			
		w	0.48			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.86	1:103	0.26	2:108
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.88	1:103	0.22	2:108
		phiu	0.00	L	0.00	L
104	G	v	0.00			
		w	0.51			
		phiu	0.00			

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
104	H	v	0.00	L	0.00	L
		w	0.93	1:103	0.30	2:108
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.95	1:103	0.26	2:108
		phiu	0.00	L	0.00	L
105	G	v	0.00			
		w	0.48			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.86	2:105	0.30	2:108
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.88	2:105	0.26	2:108
		phiu	0.00	L	0.00	L
108	G	v	0.00			
		w	0.00			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.29	2:108	-0.29	2:108
		w	0.00	L	0.00	L
		phiu	0.02	2:108	-0.02	2:108

8.3. Schnittgrößen [kN,kNm,kNm²] aus Summe der ständ.u.veränd. Einwirkg.
mit allen Beiwerten (phi(1)=1.2)

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	H	Vy	0.00	L	0.00	L
		Vz	53.57	L	19.88	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	HZ2	Vy	0.00	L	0.00	L
		Vz	49.72	L	19.34	2:108
		N	6.29	L	-6.29	L
		My	2.64	L	-2.64	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	36.81	L	14.34	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
101	H	Vy	0.00	L	0.00	L
		Vz	46.99	1:101	16.20	2:108
		N	0.00	L	0.00	L
		My	66.04	1:101	24.40	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	3.85	L	-3.85	L
		Vz	43.42	1:101	15.66	2:108
		N	6.29	1:101	-6.29	1:101
		My	63.86	1:101	21.02	2:108
		Mz	2.51	L	-2.51	L
		Mx	1.79	L	-1.79	L
		Mw	1.10	L	-1.10	L
	B	Vy	0.00	L	0.00	L
		Vz	32.14	1:101	11.62	2:108
		N	0.00	L	0.00	L
		My	45.32	1:101	17.56	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
102	H	Vy	0.00	L	0.00	L
		Vz	37.29	1:102	12.51	2:108
		N	0.00	L	0.00	L
		My	110.84	1:102	43.81	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
102	HZ2	Vy	3.83	1:102	-3.83	1:102
		Vz	34.33	1:102	11.97	2:108
		N	6.29	1:102	-6.29	1:102
		My	105.46	1:102	39.71	2:108
		Mz	0.26	L	-0.26	L
		Mx	1.78	1:102	-1.78	1:102
		Mw	0.11	2:104	-0.11	2:104
	B	Vy	0.00	L	0.00	L
		Vz	25.41	1:102	8.89	2:108
		N	0.00	L	0.00	L
		My	76.11	1:102	31.42	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
103	H	Vy	0.00	L	0.00	L
		Vz	27.60	1:103	-9.21	2:103
		N	0.00	L	0.00	L
		My	134.40	1:103	58.24	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	3.82	1:103	-3.82	1:103
		Vz	25.23	1:103	-7.95	2:103
		N	6.29	1:103	-6.29	1:103
		My	127.44	1:103	53.41	2:108
		Mz	0.54	L	-0.54	L
		Mx	1.78	1:103	-1.78	1:103
		Mw	0.24	L	-0.24	L
	B	Vy	0.00	L	0.00	L
		Vz	18.67	1:103	-5.87	2:103
		N	0.00	L	0.00	L
		My	92.37	1:103	41.59	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
104	H	Vy	0.00	L	0.00	L
		Vz	17.90	1:104	-18.91	2:104
		N	0.00	L	0.00	L
		My	142.14	2:104	67.69	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
104	HZ2	Vy	3.82	1:104	-3.82	2:104
		Vz	16.14	1:104	-17.04	2:104
		N	6.29	1:104	-6.29	1:104
		My	133.67	2:104	62.12	2:108
		Mz	0.25	1:102	-0.25	1:102
		Mx	1.78	1:104	-1.78	2:104
		Mw	0.12	1:102	-0.12	1:102
	B	Vy	0.00	L	0.00	L
		Vz	11.93	1:104	-12.60	2:104
		N	0.00	L	0.00	L
		My	97.72	2:104	48.08	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
105	H	Vy	0.00	L	0.00	L
		Vz	8.20	1:105	-28.60	2:105
		N	0.00	L	0.00	L
		My	138.48	2:105	72.15	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	3.82	2:105	-3.82	2:105
		Vz	7.04	1:105	-26.14	2:105
		N	6.29	1:105	-6.29	1:105
		My	130.15	2:105	65.85	2:108
		Mz	0.33	1:106	-0.33	1:106
		Mx	1.78	2:105	-1.78	2:105
		Mw	0.14	1:106	-0.14	1:106
	B	Vy	0.00	L	0.00	L
		Vz	5.20	1:105	-19.34	2:105
		N	0.00	L	0.00	L
		My	95.09	2:105	50.87	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
106	H	Vy	0.00	L	0.00	L
		Vz	-1.49	1:106	-38.30	2:106
		N	0.00	L	0.00	L
		My	113.56	2:106	54.95	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
106	HZ2	Vy	3.83	2:106	-3.83	2:106
		Vz	-2.05	1:106	-35.23	2:106
		N	6.29	1:106	-6.29	1:106
		My	107.02	2:106	52.37	L
		Mz	1.22	1:106	-1.22	1:106
		Mx	1.78	2:106	-1.78	2:106
		Mw	0.53	1:106	-0.53	1:106
	B	Vy	0.00	L	0.00	L
		Vz	-1.54	1:106	-26.08	2:106
		N	0.00	L	0.00	L
		My	77.92	2:106	38.85	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
107	H	Vy	0.00	L	0.00	L
		Vz	-20.31	L	-47.99	2:107
		N	0.00	L	0.00	L
		My	67.40	2:107	29.96	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	5.14	2:108	-5.14	2:108
		Vz	-19.36	L	-44.33	2:107
		N	4.08	1:106	-4.08	1:106
		My	64.27	2:107	28.68	L
		Mz	5.20	2:108	-5.20	2:108
		Mx	2.24	2:108	-2.24	2:108
		Mw	2.26	2:108	-2.26	2:108
	B	Vy	0.00	L	0.00	L
		Vz	-14.36	L	-32.82	2:107
		N	0.00	L	0.00	L
		My	46.23	2:107	21.27	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
108	H	Vy	0.00	L	0.00	L
		Vz	-24.00	L	-57.69	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
108	HZ2	Vy	3.85	2:108	-3.85	2:108
		Vz	-23.04	L	-53.42	2:108
		N	4.08	2:108	-4.08	2:108
		My	1.89	2:108	-1.89	2:108
		Mz	0.00	L	0.00	L
		Mx	1.79	2:108	-1.79	2:108
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	-17.09	L	-39.55	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

8.4. Allg. Spannungsnachweis [N/mm²] (vgl.Bild 2) aus Summe der ständ.u.
———————————————————— veränd. Einw. mit allen Beiwt. (phi(1)=1.2)
Annahme: Einleitung der vertikalen Kranradlasten in den Träger durch
Quertragwirkung der Schienenanschlußnähte (Nachweispunkt 6)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg	
100		H		1	sigx	0.0	218.2	L	
	St37			2	sigx	0.0	218.2	L	
			DKe a=7	3	sigx	0.0	218.2		
					sigz	0.0	207.3		
					tau	5.8	207.3		
					sigv	5.8	240.0	DIN 18800/1 El.749	
			DKe a=4	4	sigx	0.0	218.2		
					tau	6.5	207.3		
				5	tau	6.6	126.0		
			DKe a=4	6	sigx	0.0	218.2		
					sigz	0.0	207.3		
					tau	2.2	207.3		
					sigv	2.2	240.0	DIN 18800/1 El.749	
		HZ2		1	sigx	0.5	218.2	L	
				2	sigx	0.1	218.2	L	

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-H
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg
103		H		1	sigx	-15.2	218.2	1:103
	St37			2	sigx	19.1	218.2	1:103
			DKe a=7	3	sigx	-14.4	218.2	
					sigz	-14.5	207.3	
					tau	3.0	207.3	
					sigv	14.7	240.0	DIN 18800/1 El.749
			DKe a=4	4	sigx	18.3	218.2	
					tau	3.4	207.3	
				5	tau	3.4	126.0	
			DKe a=4	6	sigx	-15.2	218.2	
					sigz	-23.4	207.3	
					tau	1.1	207.3	
					sigv	23.4	240.0	DIN 18800/1 El.749
		HZ2		1	sigx	-14.9	218.2	2:105
				2	sigx	17.8	218.2	1:103
104		H		1	sigx	-16.0	218.2	2:104
	St37			2	sigx	20.2	218.2	2:104
			DKe a=7	3	sigx	-15.2	218.2	
					sigz	-14.5	207.3	
					tau	-2.1	207.3	
					sigv	14.7	240.0	DIN 18800/1 El.749
			DKe a=4	4	sigx	19.3	218.2	
					tau	-2.3	207.3	
				5	tau	-2.3	126.0	
			DKe a=4	6	sigx	-16.0	218.2	
					sigz	-23.4	207.3	
					tau	-0.8	207.3	
					sigv	23.4	240.0	DIN 18800/1 El.749
		HZ2		1	sigx	-15.3	218.2	2:104
				2	sigx	18.8	218.2	2:104
105		H		1	sigx	-15.6	218.2	2:105
	St37			2	sigx	19.7	218.2	2:105
			DKe a=7	3	sigx	-14.8	218.2	
					sigz	-14.5	207.3	
					tau	-3.1	207.3	
					sigv	14.9	240.0	DIN 18800/1 El.749
			DKe a=4	4	sigx	18.8	218.2	
					tau	-3.5	207.3	
				5	tau	-3.5	126.0	
			DKe a=4	6	sigx	-15.6	218.2	
					sigz	-23.4	207.3	
					tau	-1.2	207.3	
					sigv	23.4	240.0	DIN 18800/1 El.749
		HZ2		1	sigx	-14.9	218.2	2:105
				2	sigx	18.3	218.2	2:105

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg
108		H		1	sigx	0.0	218.2	L
	St37			2	sigx	0.0	218.2	L
			DKe a=7	3	sigx	0.0	218.2	
					sigz	-14.5	207.3	
					tau	-6.3	207.3	
					sigv	15.9	240.0	DIN 18800/1 El.749
			DKe a=4	4	sigx	0.0	218.2	
					tau	-7.0	207.3	
				5	tau	-7.1	126.0	
			DKe a=4	6	sigx	0.0	218.2	
					sigz	-23.4	207.3	
					tau	-2.3	207.3	
					sigv	23.5	240.0	DIN 18800/1 El.749
		HZ2		1	sigx	0.4	218.2	2:108
				2	sigx	0.1	218.2	2:108

8.5. Betriebsfestigkeit [N/mm²] aus Summe der ständ.u.veränd. Einwirkg.
und nur mit Schwingbeiwert (phi(1)=1.2)
Wegen Einleitung der vertikalen Kranradlasten in den Träger vgl. 8.4.

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
100		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DKe a=7	3	sigx	0.0	160.0	K1(1.00)	
					sigz	0.0	152.8	K4(0.00)	
					tau	4.0	113.0	K0(0.39)	
					VW	0.001	1.100		
			DKe a=4	4	sigx	0.0	160.0	K1(1.00)	
					tau	4.5	113.0	K0(0.39)	
					VW	0.002	1.100		
				5	tau	4.5	92.0	W0(0.39)	
			DKe a=4	6	sigx	0.0	160.0	K1(1.00)	
					sigz	0.0	160.0	K4(1.00)	
					tau	1.5	113.0	K0(0.39)	
					VW	0.000	1.100		

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
103		B		1	sigx	-10.4	160.0	W1(0.45)	1:103
	St37			2	sigx	13.1	160.0	W0(0.45)	1:103
			DKe a=7	3	sigx	-9.9	160.0	K1(0.45)	
					sigz	-9.7	152.8	K4(0.00)	
					tau	3.7	97.1	K0(-.70)	
					VW	0.004	1.100		
			DKe a=4	4	sigx	12.6	160.0	K1(0.45)	
					tau	2.3	101.8	K0(-.31)	
					VW	0.005	1.100		
				5	tau	2.3	92.0	W0(-.31)	
			DKe a=4	6	sigx	-10.4	160.0	K1(0.45)	
					sigz	-15.6	152.8	K4(0.00)	
					tau	3.6	87.9	K0(-.94)	
					VW	0.008	1.100		
104		B		1	sigx	-11.0	160.0	W1(0.49)	2:104
	St37			2	sigx	13.9	160.0	W0(0.49)	2:104
			DKe a=7	3	sigx	-10.4	160.0	K1(0.49)	
					sigz	-9.7	152.8	K4(0.00)	
					tau	-3.3	89.8	K0(-.88)	
					VW	0.004	1.100		
			DKe a=4	4	sigx	13.3	160.0	K1(0.49)	
					tau	-1.5	87.5	K0(-.95)	
					VW	0.006	1.100		
				5	tau	-1.6	92.0	W0(-.95)	
			DKe a=4	6	sigx	-11.0	160.0	K1(0.49)	
					sigz	-15.6	152.8	K4(0.00)	
					tau	-3.6	88.7	K0(-.91)	
					VW	0.008	1.100		
105		B		1	sigx	-10.7	160.0	W1(0.53)	2:105
	St37			2	sigx	13.5	160.0	W0(0.53)	2:105
			DKe a=7	3	sigx	-10.2	160.0	K1(0.53)	
					sigz	-9.7	152.8	K4(0.00)	
					tau	-4.1	101.8	K0(-.54)	
					VW	0.004	1.100		
			DKe a=4	4	sigx	12.9	160.0	K1(0.53)	
					tau	-2.4	101.8	K0(-.27)	
					VW	0.006	1.100		
				5	tau	-2.4	92.0	W0(-.27)	
			DKe a=4	6	sigx	-10.7	160.0	K1(0.53)	
					sigz	-15.6	152.8	K4(0.00)	
					tau	-3.9	93.9	K0(-.78)	
					VW	0.008	1.100		

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
108		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DKe a=7	3	sigx	0.0	160.0	K1(1.00)	
					sigz	-9.7	152.8	K4(0.00)	
					tau	-6.3	105.0	K0(0.08)	
					VW	0.006	1.100		
			DKe a=4	4	sigx	0.0	160.0	K1(1.00)	
					tau	-4.8	113.0	K0(0.43)	
					VW	0.002	1.100		
				5	tau	-4.9	92.0	W0(0.43)	
			DKe a=4	6	sigx	0.0	160.0	K1(1.00)	
					sigz	-15.6	152.8	K4(0.00)	
					tau	-4.7	101.8	K0(-.47)	
					VW	0.011	1.100		

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K R A N B A H N (KB)

Version 4.72 Win

STATISCHE BERECHNUNG und NACHWEIS von KRAN- oder KATZBAHNTRÄGERN

Vorhaben : Konsolkranbahnträger Vertikal
Erweiterung PST Halle7

Datum : 16.10.2011

Bearbeiter : Weiner

Nähere Angaben zum Leistungsumfang des Programms sowie zu Form und Inhalt der Eingabe und der Ergebnisse enthält das Anwenderhandbuch

Programmherausgeber

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Nachweis von Kran(Katz)bahnträgern Objekt -

0. Allgemeines

Kranbahnträger

Berechnung nach DIN 4132 (02.81) und DIN 18800 T1-3 (11.90)
gemäß Anpassungsrichtlinie Stahlbau (07/95)

Nachweisverfahren : Elastisch-Elastisch

Koordinatenbezeichnungen nach DIN 18800 T1, Bild 1

Hubklasse/Beanspruchungsgruppe H2 / B3

Durchbiegungsschranke l/w =1000

Kranschiene (aufgeklemmt) Qu 60

Schienenhöhe	h1 =	45.0 mm	Querschnittsfläche	A =	27.0 cm²
Kopfbreite	k =	60.0 mm	Schwerpunkt	ez =	22.5 mm
Fußbreite	b1 =	60.0 mm	Trägheitsmomente	Iy =	45.6 cm4
Eigengewicht	g =	28.3 kg/m		Iz =	81.0 cm4
				It =	98.4 cm4

1. Trägerabschnitte, Elementteilung und Kopplungen (z.B. Gelenke)

Nr.	Abschnittslänge[mm]	Teilg.	Elementlänge[mm]	phi u uvw	uvw u	yk [mm]	zk [mm]
1	10820.0	8	1352.5				

Gesamtlänge des Trägers = 10820.0 mm

2. Stützbedingungen

Stützknoten	phi u uvw	uvw u	yr [mm]	zr [mm]	Translationsfedern u,v,w [kN/mm] / Drehfedern phiu,-v,-w [kNm/rad]		
100	111	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0
108	011	100 0	0.0	0.0	0.0	0.0	0.0
					0.0	0.0	0.0

3. Systemübersicht vgl. Grafik 1

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Nachweis von Kran(Katz)bahnträgern Objekt -

4. Trägerprofile (bereichsweise)

Bereich von bis	Bezeichnung	Abmessungen, Kennwerte Nachweispunkte
100 108	Baustahl St 37	

h = 700.0 mm t1 = 12.0 mm
bo = 300.0 mm r1 = 0.0 mm
to = 25.0 mm h2 = 0.0 mm
bu = 300.0 mm t2 = 12.0 mm
tu = 25.0 mm r2 = 0.0 mm

yS = 0.0 mm A = 228.0 cm²
zS = 350.0 mm As = 78.0 cm²
yM = 0.0 mm g = 179.0 kg/m
zM = 350.0 mm Iy = 198321.9 cm4
ryM = 0.0 mm Iz = 11250.0 cm4
rzM = 0.0 mm It = 349.9 cm4
rwM = 0.0 ItG = 254.7 cm4
ipM = 303.2 mm C = 1.28145E+07 cm6
bR = 190.0 mm

Das Metergewicht g enthält keine Kranschiene !

Punkt	1	2	3	4
yp [mm]	150.0	150.0	0.0	0.0
zp [mm]	0.0	700.0	25.0	675.0
wM [cm²]	-506.3	506.2	0.0	0.0
Sy [cm³]	0.0	0.0	2531.2	2531.2

5. Lastfälle und Lastkombinationen

5.1. Einzellastfälle und Schwingbeiwerte

Einzellastfälle
G : Ständige Lasten des Kranbahnträgers
VK : Vertikale Verkehrslasten der Kranlaufräder
HM : Horizontallasten aus Krananfahren(bremsen)
HS : Horizontallasten aus Schräglauf
KI : Kranradlasten infolge Kippen der Laufkatze

Schwingbeiwerte phi für Kran-Nr.	1	2	3
- bei den Verformungen (Th.1.Ordng.)	1.0	1.0	1.0
- bei den Stützgrößen	1.1	1.0	1.0
- bei allen übrigen Zustandsgrößen	1.2	1.1	1.1

5.2. Lastkombinationen

Alle Stützgrößen und die Verformungen nach Th.1.Ordng. werden für ständige und veränderliche Einwirkungen getrennt errechnet, d.h.:

```
G   : G
H   : phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : KI
```

Alle übrigen Zustandsgrößen werden aus der Summe der ständigen und veränderlichen Einwirkungen bestimmt (Klammerwerte=Kran-Nr.), d.h.:

```
H   : G+phi(1)*VK(1)+phi(2)*VK(2)
HZ1 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HM(1)
HZ2 : G+phi(1)*VK(1)+phi(2)*VK(2)+phi(3)*VK(3)±HS(1)
HZ3 : G+KI
B   : G+phi(1)*VK(1)+phi(2)*VK(2)
```

5.3. Teilsicherheits- und Kombinationsbeiwerte

Teilsicherheiten gmF = 1.35 für die ständigen Einwirkungen G
gmF = 1.50 für alle veränderlichen Einwirkungen
gmM = 1.10 für alle Widerstandsgrößen

Aber : gmF = gmM = 1.0 für Stützgrößen und Verformungen nach Th.1.Ordng. und für die Betriebsfestigkeit B

Kombin.-beiwerte psi = 1.0 für B, H und HZ3
psi = 0.9 für alle übrigen HZ-Fälle

6. Ständige Lasten ohne Trägereigengewicht (ständige Einwirkungen)

Außer Trägerprofil und Schiene keine ständigen Einwirkungen

7. Kranradlasten [kN] als Lastenzug (veränderliche Einwirkungen)

Anfahrmaß links eA = 700.0 mm
Anfahrmaß rechts eB = 0.0 mm

	Kran		VK	HM		HS		KI
i	Nr.	ei[mm]	Fz	Fy	Fx	Fy	Fx	Fz
1	1	0.0	7.9	0.0	0.0	0.0	1.0	0.0
2	1	3600.0	8.8	0.0	0.0	0.0	0.0	0.0

Länge des Lastenzuges = 3600.0 mm

Mittiger Lastangriff von VK in Lastkomb. B angenommen !

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Nachweis von Kran(Katz)bahnträgern Objekt -

8. Beanspruchungen Berechnung nach Theorie 1.Ordn.

8.1. Stützgrößen [kN,kNm,kNm²]

getrennt für ständ./veränderl. Einwirk.
und nur mit Schwingbeiwert (phi(1)=1.1)

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg			Stellg
100	Rx	G	Rx	0.00			
			Ry	0.00			
			Rz	-11.21			
			Mx	0.00			
		H	Rx max	0.00	L	min 0.00	L
			Ry	0.00		0.00	
			Rz	-13.99		-13.99	
			Mx	0.00		0.00	
		HZ2	Rx max	1.00	L	min -1.00	L
			Ry	0.00		0.00	
			Rz	-13.99		-13.98	
			Mx	0.00		0.00	
100	Rz	G	Rx	0.00			
			Ry	0.00			
			Rz	-11.21			
			Mx	0.00			
		H	Rx	0.00		0.00	
			Ry	0.00		0.00	
			Rz max	-2.91	2:108	min -13.99	L
			Mx	0.00		0.00	
		HZ2	Rx	-1.00		1.00	
			Ry	0.00		0.00	
			Rz max	-2.91	2:108	min -13.99	L
			Mx	0.00		0.00	
108	Rz	G	Ry	0.00			
			Rz	-11.21			
			Mx	0.00			
		H	Ry	0.00		0.00	
			Rz max	-4.40	L	min -15.47	2:108
			Mx	0.00		0.00	

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Nachweis von Kran(Katz)bahnträgern Objekt -

Stütz-knoten	Extr.	Last-komb.	Stütz-größe	Extremwerte (außer G) mit Zugehörigen Stellg				Stellg
108	Rz	HZ2	Ry	0.00			0.00	
			Rz max	-4.39	L	min	-15.48	2:108
			Mx	0.00			0.00	

8.2. Verformungen getrennt für ständige und veränderliche Einwirkungen und ohne jegliche Beiwerte

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
100	G	v	0.00			
		w	0.00			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
103	G	v	0.00			
		w	0.82			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.83	2:105	0.38	2:108
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.84	2:105	0.37	2:108
		phiu	0.00	L	0.00	L
104	G	v	0.00			
		w	0.89			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.90	2:105	0.43	2:108
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.90	2:105	0.42	2:108
		phiu	0.00	L	0.00	L

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Verformg. [mm,°]	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
105	G	v	0.00			
		w	0.82			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.83	1:103	0.42	2:108
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.83	1:103	0.41	2:108
		phiu	0.00	L	0.00	L
108	G	v	0.00			
		w	0.00			
		phiu	0.00			
	H	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L
	HZ2	v	0.00	L	0.00	L
		w	0.00	L	0.00	L
		phiu	0.00	L	0.00	L

8.3. Schnittgrößen [kN,kNm,kNm²] aus Summe der ständ.u.veränd. Einwirkg.
mit allen Beiwerten (phi(1)=1.2)

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
100	H	Vy	0.00	L	0.00	L
		Vz	38.02	L	19.90	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	35.74	L	19.42	2:108
		N	1.35	L	-1.35	L
		My	0.47	L	-0.47	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
100	B	Vy	0.00	L	0.00	L
		Vz	26.47	L	14.39	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
103	H	Vy	0.00	L	0.00	L
		Vz	17.34	1:103	3.03	1:103
		N	0.00	L	0.00	L
		My	93.38	1:103	57.71	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	15.99	1:103	3.10	1:103
		N	1.35	1:103	-1.35	1:103
		My	88.38	1:103	55.28	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	11.84	1:103	2.30	1:103
		N	0.00	L	0.00	L
		My	65.10	1:103	41.32	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
104	H	Vy	0.00	L	0.00	L
		Vz	9.79	1:104	-10.28	2:104
		N	0.00	L	0.00	L
		My	96.55	2:104	66.71	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	8.82	1:104	-9.26	2:104
		N	1.35	1:104	-1.35	1:104
		My	91.02	2:104	63.63	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

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Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte max	Stellg	mit zugeh. Laststellung min	Stellg
104	B	Vy	0.00	L	0.00	L
		Vz	6.53	1:104	-6.85	2:104
		N	0.00	L	0.00	L
		My	67.40	2:104	47.51	2:108
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
105	H	Vy	0.00	L	0.00	L
		Vz	2.25	1:105	-17.82	2:105
		N	0.00	L	0.00	L
		My	95.35	2:105	67.57	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	1.65	1:105	-16.42	2:105
		N	1.35	1:105	-1.35	1:105
		My	89.68	2:105	64.63	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	B	Vy	0.00	L	0.00	L
		Vz	1.22	1:105	-12.16	2:105
		N	0.00	L	0.00	L
		My	66.41	2:105	47.89	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
108	H	Vy	0.00	L	0.00	L
		Vz	-22.33	L	-40.46	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L
	HZ2	Vy	0.00	L	0.00	L
		Vz	-21.61	L	-37.93	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-V
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Last-komb.	Schnitt-größe	Extremwerte mit zugeh. Laststellung max	Stellg	min	Stellg
108	B	Vy	0.00	L	0.00	L
		Vz	-16.01	L	-28.09	2:108
		N	0.00	L	0.00	L
		My	0.00	L	0.00	L
		Mz	0.00	L	0.00	L
		Mx	0.00	L	0.00	L
		Mw	0.00	L	0.00	L

8.4. Allg. Spannungsnachweis [N/mm²] (vgl.Bild 2) aus Summe der ständ.u. veränd. Einw. mit allen Beiwt. (phi(1)=1.2)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg	
100		H		1	sigx	0.0	218.2	L	
	St37			2	sigx	0.0	218.2	L	
			DKe a=5	3	sigx	0.0	218.2		
					sigz	0.0	207.3		
					tau	4.9	207.3		
					sigv	4.9	240.0	DIN 18800/1 El.749	
			DKe a=4	4	sigx	0.0	218.2		
					tau	6.1	207.3		
				5	tau	4.9	126.0		
		HZ2		1	sigx	0.1	218.2	L	
				2	sigx	0.0	218.2	L	
103		H		1	sigx	-16.5	218.2	1:103	
	St37			2	sigx	16.5	218.2	1:103	
			DKe a=5	3	sigx	-15.3	218.2		
					sigz	-7.5	207.3		
					tau	2.2	207.3		
					sigv	7.8	240.0	DIN 18800/1 El.749	
			DKe a=4	4	sigx	15.3	218.2		
					tau	2.8	207.3		
				5	tau	2.2	126.0		
		HZ2		1	sigx	-15.7	218.2	1:103	
				2	sigx	15.5	218.2	1:103	
104		H		1	sigx	-17.0	218.2	2:104	
	St37			2	sigx	17.0	218.2	2:104	
			DKe a=5	3	sigx	-15.8	218.2		
					sigz	-8.3	207.3		
					tau	-1.3	207.3		
					sigv	8.4	240.0	DIN 18800/1 El.749	
			DKe a=4	4	sigx	15.8	218.2		
					tau	-1.6	207.3		
				5	tau	-1.3	126.0		
		HZ2		1	sigx	-16.1	218.2	2:104	
				2	sigx	16.1	218.2	2:104	

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-V
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	grenz	Stellg
105		H		1	sigx	-16.8	218.2	2:105
	St37			2	sigx	16.8	218.2	2:105
			DKe a=5	3	sigx	-15.6	218.2	
					sigz	-8.3	207.3	
					tau	-2.3	207.3	
					sigv	8.6	240.0	DIN 18800/1 El.749
			DKe a=4	4	sigx	15.6	218.2	
					tau	-2.8	207.3	
				5	tau	-2.3	126.0	
		HZ2		1	sigx	-15.8	218.2	2:105
				2	sigx	15.8	218.2	2:105
108		H		1	sigx	0.0	218.2	L
	St37			2	sigx	0.0	218.2	L
			DKe a=5	3	sigx	0.0	218.2	
					sigz	-8.3	207.3	
					tau	-5.2	207.3	
					sigv	9.8	240.0	DIN 18800/1 El.749
			DKe a=4	4	sigx	0.0	218.2	
					tau	-6.5	207.3	
				5	tau	-5.2	126.0	
		HZ2		1	sigx	0.0	218.2	L
				2	sigx	0.0	218.2	L

8.5. Betriebsfestigkeit [N/mm²] aus Summe der ständ.u.veränd. Einwirkg.
und nur mit Schwingbeiwert (phi(1)=1.2)

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
100		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DKe a=5	3	sigx	0.0	160.0	K1(1.00)	
					sigz	0.0	152.8	K4(0.00)	
					tau	3.4	113.0	K0(0.54)	
					VW	0.001	1.100		
			DKe a=4	4	sigx	0.0	160.0	K1(1.00)	
					tau	4.2	113.0	K0(0.54)	
					VW	0.002	1.100		
				5	tau	3.4	92.0	W0(0.54)	
103		B		1	sigx	-11.5	160.0	W1(0.63)	1:103
	St37			2	sigx	11.5	160.0	W0(0.63)	1:103
			DKe a=5	3	sigx	-10.7	160.0	K1(0.63)	
					sigz	-5.0	152.8	K4(0.00)	
					tau	2.5	101.8	K0(-.28)	
					VW	0.004	1.100		
			DKe a=4	4	sigx	10.7	160.0	K1(0.63)	
					tau	1.9	110.4	K0(0.19)	
					VW	0.004	1.100		
				5	tau	1.5	92.0	W0(0.19)	

IFF E&C Leipzig IFF-Programm KB V. 4.72 Anw.-Nr. KKB-V
Nachweis von Kran(Katz)bahnträgern Objekt -

Schnitt	Profil	Last-komb.	Naht	Pkt		Größte Beträge vorh	zul	Kf(Kapp)	Stellg
104		B		1	sigx	-11.9	160.0	W1(0.70)	2:104
	St37			2	sigx	11.9	160.0	W0(0.70)	2:104
			DKe a=5	3	sigx	-11.0	160.0	K1(0.70)	
					sigz	-5.5	152.8	K4(0.00)	
					tau	-2.0	88.2	K0(-.93)	
					VW	0.004	1.100		
			DKe a=4	4	sigx	11.0	160.0	K1(0.70)	
					tau	-1.1	87.3	K0(-.95)	
					VW	0.004	1.100		
				5	tau	-0.9	92.0	W0(-.95)	
105		B		1	sigx	-11.7	160.0	W1(0.72)	2:105
	St37			2	sigx	11.7	160.0	W0(0.72)	2:105
			DKe a=5	3	sigx	-10.9	160.0	K1(0.72)	
					sigz	-5.5	152.8	K4(0.00)	
					tau	-2.7	101.8	K0(-.44)	
					VW	0.004	1.100		
			DKe a=4	4	sigx	10.9	160.0	K1(0.72)	
					tau	-1.9	101.8	K0(-.10)	
					VW	0.004	1.100		
				5	tau	-1.6	92.0	W0(-.10)	
108		B		1	sigx	0.0	160.0	W1(1.00)	L
	St37			2	sigx	0.0	160.0	W0(1.00)	L
			DKe a=5	3	sigx	0.0	160.0	K1(1.00)	
					sigz	-5.5	152.8	K4(0.00)	
					tau	-4.7	112.8	K0(0.24)	
					VW	0.002	1.100		
			DKe a=4	4	sigx	0.0	160.0	K1(1.00)	
					tau	-4.5	113.0	K0(0.57)	
					VW	0.002	1.100		
				5	tau	-3.6	92.0	W0(0.57)	

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ☒ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

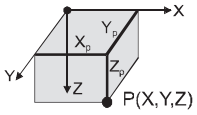
- ☒ 1D-Durchlaufträger
- ■ 2D-Stabwerk
- ■ 3D-Stabwerk
- ■ Trägerrost

3 Knoten
1 Materialien
1 Querschnitte
0 Stabendgelenke
0 Stabteilungen

2 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



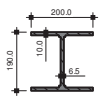
KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch Gelagert	-	3.328		
2	Kartesisch Gelagert	-	9.328		
3	Kartesisch Gelagert	-	15.328		

MATERIALIEN

Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

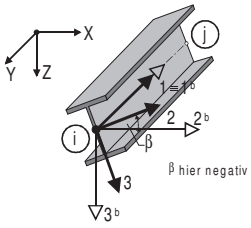
HE-A 200



QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnitts-Bezeichnung	I_2 [cm⁴]	A [cm²]	A_3 [cm²]
1	1	HE-A 200	3690.00	53.800	

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	2	0.0	1	1	-	-	-	6.000	HORI
2	Balken	2	3	0.0	1	1	-	-	-	6.000	HORI

AUFLAGER

Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja
2	2,3	0.0	0.0	Nein	Ja	Ja	Ja	Nein	Ja

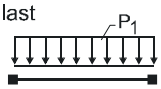
BELASTUNG

BASISANGABEN DER LASTFÄLLE

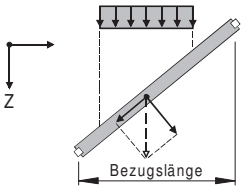
LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	1.10
2	Dachaufbau	1.00	Ständig	-
3	Schnee	1.00	Veränderlich	-
4	Wind auf Dach	1.00	Veränderlich	-
5	Stabilisierungkraft	1.00	Imperfektion	-

STABLASTEN LF 2

1- Linienlast



Z - Global in Z-Richtung



Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1			
1	1,2	1	Z	0.250			

STABLASTEN LF 3

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1			
1	1,2	1	Z	8.000			

STABLASTEN LF 4

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P1			
2	1,2	1	Z	-0.390			
4	1	1	Z	-0.910			
5	2	1	Z	-0.910			

KNOTENKRÄFTE LF 5

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	3	-0.840	0.000	0.000

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.50*LF3 + 1.50*LF4 + LF5
2	Gebrauchstauglichkeitsnachweis	LF1/Ständig + LF2/Ständig + LF3 + LF4 + LF5

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	PY	PZ	Auflagermomente [kNm] MX	MY	MZ
1	LF1	.000	.000	1.045	.000	.000	.000
	LF2	.000	.000	.563	.000	.000	.000
	LF3	.000	.000	18.000	.000	.000	.000
	LF4	.000	.000	-2.925	.000	.000	.000
	LF5	-.840	.000	.000	.000	.000	.000
2	LF1	.000	.000	3.484	.000	.000	.000
	LF2	.000	.000	1.875	.000	.000	.000
	LF3	.000	.000	60.000	.000	.000	.000
	LF4	.000	.000	-9.750	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000
3	LF1	.000	.000	1.045	.000	.000	.000
	LF2	.000	.000	.562	.000	.000	.000
	LF3	.000	.000	18.000	.000	.000	.000
	LF4	.000	.000	-2.925	.000	.000	.000
	LF5	.000	.000	.000	.000	.000	.000

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] P_X	P_Y	P_Z
ΣLasten	LF1	.000	.000	5.575
ΣKräfte		.000	.000	5.575
ΣLasten	LF2	.000	.000	3.000
ΣKräfte		.000	.000	3.000
ΣLasten	LF3	.000	.000	96.000
ΣKräfte		.000	.000	96.000
ΣLasten	LF4	.000	.000	-15.600
ΣKräfte		.000	.000	-15.600
ΣLasten	LF5	-.840	.000	.000
ΣKräfte		-.840	.000	.000

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
1	LK1	.00	max	.00	.00	2.17	.00	.00	.00
			min	-.84	.00	2.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF5						
			max	.00	.00	29.17	.00	.00	.00
			min	.00	.00	-2.22	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	.00	.00	2.17	.00	.00	.00
			min	.00	.00	2.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		6.00	max	.00	.00	-3.62	.00	-4.34	.00
			min	-.84	.00	-3.62	.00	-4.34	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF5						
			max	.00	.00	3.70	.00	4.43	.00
			min	.00	.00	-48.62	.00	-58.34	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	.00	.00	3.70	.00	4.43	.00
			min	.00	.00	-48.62	.00	-58.34	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	.00	.00	2.17	.00	.00	.00
			MIN	-.84	.00	2.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF5						
		.00 6.00	MAX	.00	.00	29.17	.00	.00	.00
			MIN	.00	.00	-48.62	.00	-58.34	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
		2.40 6.00	MAX	.00	.00	-1.94	.00	32.67	.00
			MIN	.00	.00	-48.62	.00	-58.34	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
2	LK1	.00	max	.00	.00	3.62	.00	-4.34	.00
			min	-.84	.00	3.62	.00	-4.34	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF5						
			max	.00	.00	48.62	.00	-58.34	.00
			min	.00	.00	-3.70	.00	4.43	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	.00	.00	-3.70	.00	4.43	.00
			min	.00	.00	48.62	.00	-58.34	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		6.00	max	.00	.00	-2.17	.00	.00	.00
			min	-.84	.00	-2.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF5						
			max	.00	.00	2.22	.00	.00	.00
			min	.00	.00	-29.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	.00	.00	-2.17	.00	.00	.00
			min	.00	.00	-2.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		.00 .00	MAX	.00	.00	3.62	.00	-4.34	.00
			MIN	-.84	.00	3.62	.00	-4.34	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2 LF5						
		.00 6.00	MAX	.00	.00	48.62	.00	-58.34	.00
			MIN	.00	.00	-29.17	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
		3.90 .00	MAX	.00	.00	-1.94	.00	32.67	.00
			MIN	.00	.00	48.62	.00	-58.34	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						

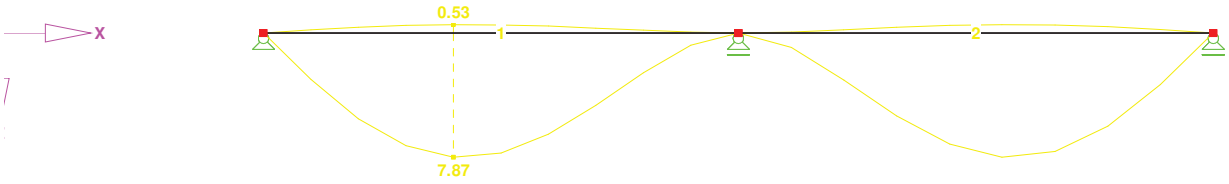
MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] φX	φY	φZ
1	LK2	Max	.00000	.00000	.00000	.00000	.33998	.00000
		Min	.00000	.00000	.00000	.00000	-5.06074	.00000
2	LK2	Max	.00000	.00000	.00000	.00000	.00005	.00000
		Min	-.00446	.00000	.00000	.00000	-.00001	.00000
3	LK2	Max	.00000	.00000	.00000	.00000	5.06063	.00000
		Min	-.00892	.00000	.00000	.00000	-.33996	.00000
	LK2	*MAX	.00000	.00000	.00000	.00000	5.06063	.00000
		*MIN	-.00892	.00000	.00000	.00000	-5.06074	.00000

MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] uX	uY	uZ
1	LK2	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		2	6.00	Max	.00000	.00000	.00000
				Min	-.00446	.00000	.00000
2	LK2	2	.00	Max	.00000	.00000	.00000
				Min	-.00446	.00000	.00000
		3	6.00	Max	.00000	.00000	.00000
				Min	-.00892	.00000	.00000

VERFORMUNG



Max u: 7.87 mm
Faktor für Verschiebungen: 3.06756E-35

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ■ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

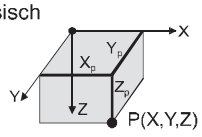
- ■ 1D-Durchlaufträger
- ☒ 2D-Stabwerk
- ■ 3D-Stabwerk
- ■ Trägerrost

10 Knoten
1 Materialien
3 Querschnitte
0 Stabendgelenke
0 Stabteilungen

17 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



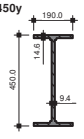
KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch	-	0.000		0.000
2	Kartesisch	-	8.000		0.000
3	Kartesisch	-	0.000		-6.000
4	Kartesisch	-	8.000		-6.000
5	Kartesisch	-	2.000		0.000
6	Kartesisch	-	4.000		0.000
7	Kartesisch	-	6.000		0.000
8	Kartesisch	-	2.000		-6.000
9	Kartesisch	-	4.000		-6.000
10	Kartesisch	-	6.000		-6.000

MATERIALIEN

Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

IPE 450y



HE-A 200y

RD 12

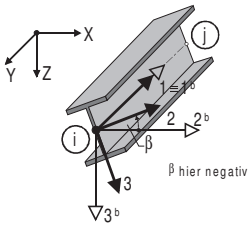
QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnitts-Bezeichnung	I_2 [cm⁴]	A [cm²]	A_3 [cm²]
1	1	IPE 450y	1680.00	98.800	
2	1	HE-A 200y	1340.00	53.800	
3	1	RD 12	0.10	1.130	

STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	5	0.0	1	1	-	-	-	2.000	HORI
2	Balken	3	8	0.0	1	1	-	-	-	2.000	HORI
3	Balken	5	6	0.0	1	1	-	-	-	2.000	HORI
4	Balken	6	7	0.0	1	1	-	-	-	2.000	HORI
5	Balken	7	2	0.0	1	1	-	-	-	2.000	HORI
6	Balken	8	9	0.0	1	1	-	-	-	2.000	HORI
7	Balken	9	10	0.0	1	1	-	-	-	2.000	HORI
8	Balken	10	4	0.0	1	1	-	-	-	2.000	HORI

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
9	Balken	1	3	0.0	2	2	-	-	-	6.000	VERT
10	Fachwerks	5	8	0.0	2	2	-	-	-	6.000	VERT
11	Fachwerks	6	9	0.0	2	2	-	-	-	6.000	VERT
12	Fachwerks	7	10	0.0	2	2	-	-	-	6.000	VERT
13	Balken	2	4	0.0	2	2	-	-	-	6.000	VERT
14	Zugstab	1	9	0.0	3	3	-	-	-	7.211	ALLG
15	Zugstab	6	4	0.0	3	3	-	-	-	7.211	ALLG
16	Zugstab	3	6	0.0	3	3	-	-	-	7.211	ALLG
17	Zugstab	9	2	0.0	3	3	-	-	-	7.211	ALLG

AUFLAGER

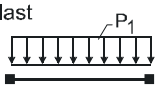
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Drehung [°] Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja
2	2	0.0	0.0	Nein	Ja	Ja	Ja	Nein	Ja

BELASTUNG

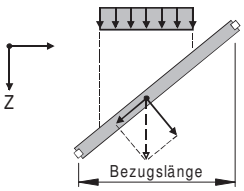
BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Stabilisierungkraft	1.00	Imperfektion	-

1- Linienlast



Z - Global in Z-Richtung



STABLASTEN

LF 1

Nr.	Belastete Stäbe	Lasttyp Nr.	Last-Richtung	Parameter [kN, kNm, m, °C, kN/m, kNm/m] P_1
1	2,6-8	1	Z	0.420

SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LF/LG-Nr.	Knoten-Nr.	x [m]	Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
1	LF1	1	.00	.10	.00	.32	.00	-.30	.00
		5	2.00	.10	.00	.32	.00	.33	.00
		Max N	.00	.10	.00	.32	.00	-.30	.00
		Min N	.00	.10	.00	.32	.00	-.30	.00
		Max Q-3	2.00	.10	.00	.32	.00	.33	.00
		Min Q-3	.00	.10	.00	.32	.00	-.30	.00
		Max M-2	2.00	.10	.00	.32	.00	.33	.00
		Min M-2	.00	.10	.00	.32	.00	-.30	.00
2	LF1	3	.00	-.58	.00	.65	.00	-.32	.00
		8	2.00	-.58	.00	-.19	.00	.14	.00
		Max N	.00	-.58	.00	.65	.00	-.32	.00
		Min N	.00	-.58	.00	.65	.00	-.32	.00
		Max Q-3	.00	-.58	.00	.65	.00	-.32	.00
		Min Q-3	2.00	-.58	.00	-.19	.00	.14	.00
		Max M-2	1.50	-.58	.00	.02	.00	.18	.00
		Min M-2	.00	-.58	.00	.65	.00	-.32	.00
3	LF1	5	.00	.10	.00	-.17	.00	.33	.00
		6	2.00	.10	.00	-.17	.00	.00	.00
		Max N	.00	.10	.00	-.17	.00	.33	.00
		Min N	.00	.10	.00	-.17	.00	.33	.00
		Max Q-3	2.00	.10	.00	-.17	.00	.00	.00
		Min Q-3	.00	.10	.00	-.17	.00	.33	.00
		Max M-2	.00	.10	.00	-.17	.00	.33	.00
		Min M-2	2.00	.10	.00	-.17	.00	.00	.00
4	LF1	6	.00	.10	.00	.17	.00	.00	.00
		7	2.00	.10	.00	.17	.00	.33	.00
		Max N	.00	.10	.00	.17	.00	.00	.00
		Min N	.00	.10	.00	.17	.00	.00	.00
		Max Q-3	.00	.10	.00	.17	.00	.00	.00
		Min Q-3	.00	.10	.00	.17	.00	.00	.00
		Max M-2	2.00	.10	.00	.17	.00	.33	.00
		Min M-2	.00	.10	.00	.17	.00	.00	.00
5	LF1	7	.00	.10	.00	-.32	.00	.33	.00
		2	2.00	.10	.00	-.32	.00	-.30	.00
		Max N	.00	.10	.00	-.32	.00	.33	.00
		Min N	.00	.10	.00	-.32	.00	.33	.00
		Max Q-3	.00	.10	.00	-.32	.00	.33	.00
		Min Q-3	.00	.10	.00	-.32	.00	.33	.00
		Max M-2	.00	.10	.00	-.32	.00	.33	.00
		Min M-2	2.00	.10	.00	-.32	.00	-.30	.00
6	LF1	8	.00	-.58	.00	.30	.00	.14	.00
		9	2.00	-.58	.00	-.54	.00	-.11	.00

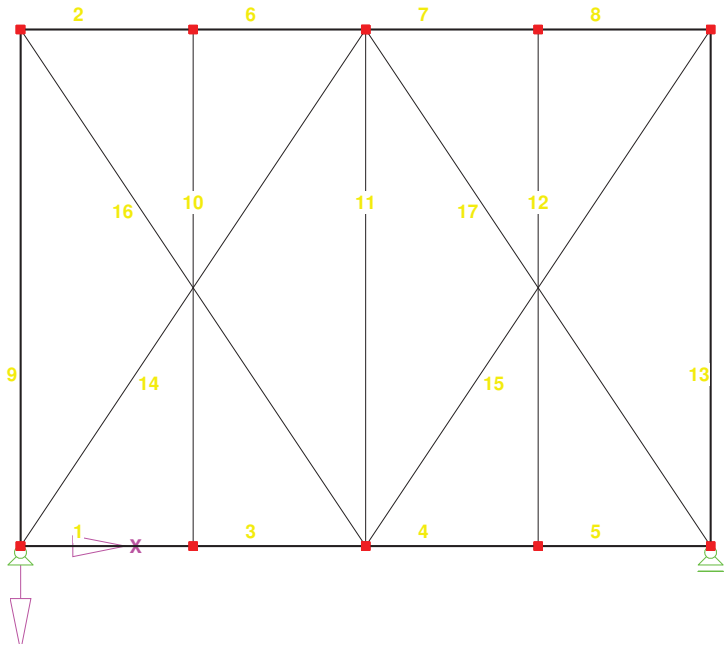
SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LF/LG-Nr.	Knoten-Nr.	x [m]	Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
6	LF1	Max N	.00	-.58	.00	.30	.00	.14	.00
		Min N	.00	-.58	.00	.30	.00	.14	.00
		Max Q-3	.00	-.58	.00	.30	.00	.14	.00
		Min Q-3	2.00	-.58	.00	-.54	.00	-.11	.00
		Max M-2	.70	-.58	.00	.00	.00	.25	.00
		Min M-2	2.00	-.58	.00	-.54	.00	-.11	.00
7	LF1	9	.00	-.58	.00	.54	.00	-.11	.00
		10	2.00	-.58	.00	-.30	.00	.14	.00
		Max N	.00	-.58	.00	.54	.00	-.11	.00
		Min N	.00	-.58	.00	.54	.00	-.11	.00
		Max Q-3	.00	-.58	.00	.54	.00	-.11	.00
		Min Q-3	2.00	-.58	.00	-.30	.00	.14	.00
		Max M-2	1.30	-.58	.00	.00	.00	.25	.00
		Min M-2	.00	-.58	.00	.54	.00	-.11	.00
8	LF1	10	.00	-.58	.00	.19	.00	.14	.00
		4	2.00	-.58	.00	-.65	.00	-.32	.00
		Max N	.00	-.58	.00	.19	.00	.14	.00
		Min N	.00	-.58	.00	.19	.00	.14	.00
		Max Q-3	.00	-.58	.00	.19	.00	.14	.00
		Min Q-3	2.00	-.58	.00	-.65	.00	-.32	.00
		Max M-2	.50	-.58	.00	-.02	.00	.18	.00
		Min M-2	2.00	-.58	.00	-.65	.00	-.32	.00
9	LF1	1	.00	-1.36	.00	-.10	.00	.30	.00
		3	6.00	-1.36	.00	-.10	.00	-.32	.00
		Max N	6.00	-1.36	.00	-.10	.00	-.32	.00
		Min N	.00	-1.36	.00	-.10	.00	.30	.00
		Max Q-3	6.00	-1.36	.00	-.10	.00	-.32	.00
		Min Q-3	.00	-1.36	.00	-.10	.00	.30	.00
		Max M-2	.00	-1.36	.00	-.10	.00	.30	.00
		Min M-2	6.00	-1.36	.00	-.10	.00	-.32	.00
10	LF1	5	.00	-.48	.00	.00			
		8	6.00	-.48	.00	.00			
		Max N	6.00	-.48	.00	.00			
		Min N	.00	-.48	.00	.00			
		Max Q-3	.00	-.48	.00	.00			
		Min Q-3	.00	-.48	.00	.00			
11	LF1	6	.00	-1.09	.00	.00			
		9	6.00	-1.09	.00	.00			
		Max N	6.00	-1.09	.00	.00			
		Min N	.00	-1.09	.00	.00			
		Max Q-3	.00	-1.09	.00	.00			
		Min Q-3	.00	-1.09	.00	.00			
12	LF1	7	.00	-.48	.00	.00			
		10	6.00	-.48	.00	.00			
		Max N	6.00	-.48	.00	.00			
		Min N	.00	-.48	.00	.00			
		Max Q-3	.00	-.48	.00	.00			
		Min Q-3	.00	-.48	.00	.00			
13	LF1	2	.00	-1.36	.00	.10	.00	-.30	.00
		4	6.00	-1.36	.00	.10	.00	.32	.00
		Max N	6.00	-1.36	.00	.10	.00	.32	.00
		Min N	.00	-1.36	.00	.10	.00	-.30	.00
		Max Q-3	.00	-1.36	.00	.10	.00	-.30	.00
		Min Q-3	.00	-1.36	.00	.10	.00	-.30	.00
		Max M-2	6.00	-1.36	.00	.10	.00	.32	.00
		Min M-2	.00	-1.36	.00	.10	.00	-.30	.00
14	LF1	Druck -> Ausfall							
15	LF1	6	.00	.85	.00	.00			
		4	7.21	.85	.00	.00			
		Max N	7.21	.85	.00	.00			
		Min N	.00	.85	.00	.00			
		Max Q-3	.00	.85	.00	.00			
		Min Q-3	.00	.85	.00	.00			
16	LF1	3	.00	.85	.00	.00			
		6	7.21	.85	.00	.00			
		Max N	7.21	.85	.00	.00			
		Min N	.00	.85	.00	.00			
		Max Q-3	.00	.85	.00	.00			
		Min Q-3	.00	.85	.00	.00			
17	LF1	Druck -> Ausfall							

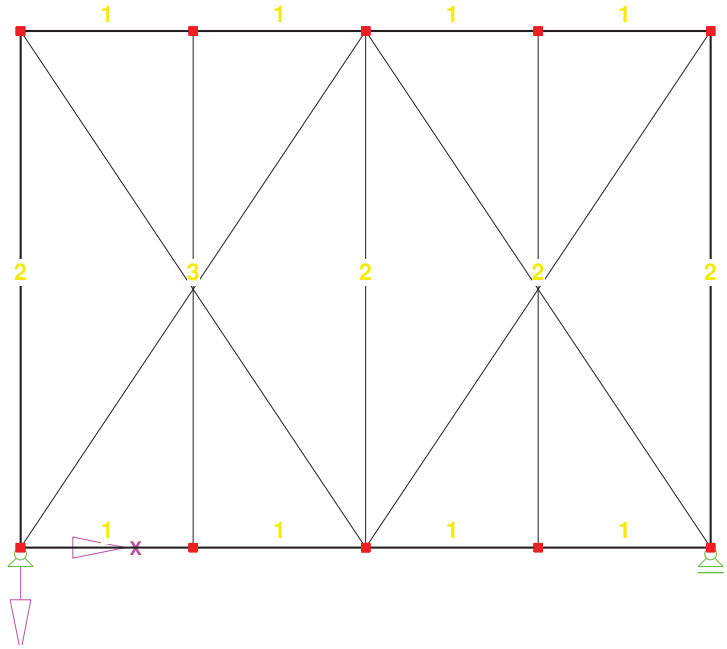
AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] P_X	P_Y	P_Z	Auflagermomente [kNm] M_X	M_Y	M_Z
1	LF1	.000	.000	1.680	.000	.000	.000
2	LF1	.000	.000	1.680	.000	.000	.000
ΣLasten	LF1	.000	.000	3.360			
ΣKräfte		.000	.000	3.360			

STABNUMMERIERUNG



PROFILNUMMERIERUNG



INHALT

BASISANGABEN

BERECHNUNGSART

☒ Statik
■ Nachweis
■ Dynamik

☒ Theorie I. Ordnung
■ Theorie II. Ordnung
■ Seiltheorie

☒ Lastfälle
■ LF-Gruppen
☒ LF-Kombinationen

■ Bemessungsfälle
■ Dynamikfälle
■ Knickfiguren

STRUKTURKENNWERTE

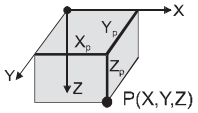
■ 1D-Durchlaufträger
☒ 2D-Stabwerk
■ 3D-Stabwerk
■ Trägerrost

7 Knoten
1 Materialien
2 Querschnitte
0 Stabendgelenke
0 Stabteilungen

6 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch	-	-4.000		0.000
2	Kartesisch	-	4.000		0.000
3	Kartesisch	-	-4.000		-7.500
4	Kartesisch	-	4.000		-8.300
5	Kartesisch	-	-2.000		-7.700
6	Kartesisch	-	0.000		-7.900
7	Kartesisch	-	2.000		-8.100

MATERIALIEN

Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

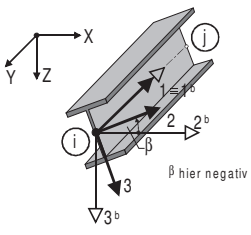
HE-A 400

IPE 450

QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnitts-Bezeichnung	I_2 [cm⁴]	A [cm²]	A_3 [cm²]
1	1	HE-A 400	45070.00	159.000	
2	1	IPE 450	33740.00	98.800	

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	3	0.0	1	1	-	-	-	7.500	VERT
2	Balken	2	4	0.0	1	1	-	-	-	8.300	VERT
3	Balken	3	5	0.0	2	2	-	-	-	2.010	ALLG
4	Balken	5	6	0.0	2	2	-	-	-	2.010	ALLG
5	Balken	6	7	0.0	2	2	-	-	-	2.010	ALLG
6	Balken	7	4	0.0	2	2	-	-	-	2.010	ALLG

AUFLAGER

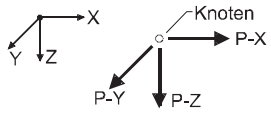
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja
2	2	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Eigengewicht Stahl	1.00	Ständig	1.10
2	Dachaufbau	1.00	Ständig	-
3	Schnee	1.00	Veränderlich	-
4	Wind auf Dach	1.00	Veränderlich	-

Globale Knotenkraft



KNOTENKRÄFTE LF 1

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
6	3	0.000	0.000	3.480
7	4	0.000	0.000	3.480
8	5	0.000	0.000	3.480
9	6	0.000	0.000	3.480
10	7	0.000	0.000	3.480

KNOTENKRÄFTE LF 2

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	5	0.000	0.000	1.880
2	6	0.000	0.000	1.880
3	7	0.000	0.000	1.880
4	3	0.000	0.000	0.940
5	4	0.000	0.000	0.940

KNOTENKRÄFTE LF 3

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
1	5	0.000	0.000	60.000
2	6	0.000	0.000	60.000
3	7	0.000	0.000	60.000
4	4	0.000	0.000	30.000
5	3	0.000	0.000	30.000

KNOTENKRÄFTE LF 4

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	PY [kN]	PZ [kN]
6	5	0.000	0.000	-12.000
7	6	0.000	0.000	-12.000
8	7	0.000	0.000	-12.000
9	3	0.000	0.000	-6.000
10	4	0.000	0.000	-6.000

LF-KOMBINATIONEN

LK-Nr.	LK-Bezeichnung	Kombinationskriterium
1	Maßgebende LF-Kombination	1.35*LF1/Ständig + 1.35*LF2/Ständig + 1.50*LF3 + 1.50*LF4
2	Gebrauchstauglichkeitsnachweis	LF1/Ständig + LF2/Ständig + LF3 + LF4

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	PY	PZ	Auflagermomente [kNm] MX	MY	MZ
1	LF1	-1.123	.000	22.427	.000	.000	.000
	LF2	-.398	.000	3.760	.000	.000	.000
	LF3	-12.696	.000	120.000	.000	.000	.000
	LF4	2.539	.000	-24.000	.000	.000	.000
2	LF1	1.123	.000	23.525	.000	.000	.000
	LF2	.398	.000	3.760	.000	.000	.000
	LF3	12.696	.000	120.000	.000	.000	.000
	LF4	-2.539	.000	-24.000	.000	.000	.000
ΣLasten	LF1	.000	.000	45.952			
ΣKräfte		.000	.000	45.952			
ΣLasten	LF2	.000	.000	7.520			
ΣKräfte		.000	.000	7.520			

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] P_X	P_Y	P_Z
ΣLasten	LF3	.000	.000	240.000
ΣKräfte		.000	.000	240.000
ΣLasten	LF4	.000	.000	-48.000
ΣKräfte		.000	.000	-48.000

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
1	LK1	.00	max	.65	.00	1.76	.00	.00	.00
			min	-215.35	.00	-21.10	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	.65	.00	1.76	.00	.00	.00
			min	-215.35	.00	-21.10	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-35.35	.00	-2.05	.00	.00	.00
			min	-35.35	.00	-2.05	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		7.50	max	14.55	.00	1.76	.00	13.16	.00
			min	-201.45	.00	-21.10	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	14.55	.00	1.76	.00	13.16	.00
			min	-201.45	.00	-21.10	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	14.55	.00	1.76	.00	13.16	.00
			min	-201.45	.00	-21.10	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		7.50 .00	MAX	14.55	.00	1.76	.00	13.16	.00
			MIN	-215.35	.00	-21.10	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	.65	.00	1.76	.00	.00	.00
			MIN	-215.35	.00	-21.10	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		7.50 7.50	MAX	14.55	.00	1.76	.00	13.16	.00
			MIN	-201.45	.00	-21.10	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
2	LK1	.00	max	-.83	.00	-1.76	.00	.00	.00
			min	-216.83	.00	21.10	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-216.83	.00	21.10	.00	.00	.00
			min	-.83	.00	-1.76	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	-36.83	.00	2.05	.00	.00	.00
			min	-36.83	.00	2.05	.00	.00	.00
			LF'e in Max: LF1 LF2 LF'e in Min: LF1 LF2						
		8.30	max	14.55	.00	-1.76	.00	-14.57	.00
			min	-201.45	.00	21.10	.00	175.11	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-201.45	.00	21.10	.00	175.11	.00
			min	14.55	.00	-1.76	.00	-14.57	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	-201.45	.00	21.10	.00	175.11	.00
			min	14.55	.00	-1.76	.00	-14.57	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		8.30 .00	MAX	14.55	.00	-1.76	.00	-14.57	.00
			MIN	-216.83	.00	21.10	.00	.00	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	-216.83	.00	21.10	.00	.00	.00
			MIN	-.83	.00	-1.76	.00	.00	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		8.30 8.30	MAX	-201.45	.00	21.10	.00	175.11	.00
			MIN	14.55	.00	-1.76	.00	-14.57	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
3	LK1	.00	max	2.89	.00	-11.28	.00	13.16	.00
			min	-35.97	.00	147.64	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-35.97	.00	147.64	.00	-158.23	.00
			min	2.89	.00	-11.28	.00	13.16	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	2.89	.00	-11.28	.00	13.16	.00
			min	-35.97	.00	147.64	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		2.01	max	3.12	.00	-13.59	.00	-11.83	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q_2	Q_3	Momente [kNm] T	M_2	M_3
3	LK1	2.01	min	-35.74	.00	145.33	.00	136.20	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-35.74	.00	145.33	.00	136.20	.00
			min	3.12	.00	-13.59	.00	-11.83	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	-35.74	.00	145.33	.00	136.20	.00
			min	3.12	.00	-13.59	.00	-11.83	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01 .00	MAX	3.12	.00	-13.59	.00	-11.83	.00
			MIN	-35.97	.00	147.64	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 2.01	MAX	-35.97	.00	147.64	.00	-158.23	.00
			MIN	3.12	.00	-13.59	.00	-11.83	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01 .00	MAX	-35.74	.00	145.33	.00	136.20	.00
			MIN	-35.97	.00	147.64	.00	-158.23	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						
4	LK1	.00	max	2.05	.00	-2.88	.00	-11.83	.00
			min	-26.06	.00	48.58	.00	136.20	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-26.06	.00	48.58	.00	136.20	.00
			min	2.05	.00	-2.88	.00	-11.83	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	-26.06	.00	48.58	.00	136.20	.00
			min	2.05	.00	-2.88	.00	-11.83	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01	max	2.28	.00	-5.18	.00	-19.93	.00
			min	-25.83	.00	46.28	.00	231.53	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-25.83	.00	46.28	.00	231.53	.00
			min	2.28	.00	-5.18	.00	-19.93	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
			max	-25.83	.00	46.28	.00	231.53	.00
			min	2.28	.00	-5.18	.00	-19.93	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01 .00	MAX	2.28	.00	-5.18	.00	-19.93	.00
			MIN	-26.06	.00	48.58	.00	136.20	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 2.01	MAX	-26.06	.00	48.58	.00	136.20	.00
			MIN	2.28	.00	-5.18	.00	-19.93	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01 2.01	MAX	-25.83	.00	46.28	.00	231.53	.00
			MIN	2.28	.00	-5.18	.00	-19.93	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
5	LK1	.00	max	1.21	.00	5.53	.00	-19.93	.00
			min	-16.15	.00	-50.48	.00	231.53	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	1.21	.00	5.53	.00	-19.93	.00
			min	-16.15	.00	-50.48	.00	231.53	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-16.15	.00	-50.48	.00	231.53	.00
			min	1.21	.00	5.53	.00	-19.93	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01	max	1.44	.00	3.23	.00	-11.13	.00
			min	-15.92	.00	-52.78	.00	127.76	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	1.44	.00	3.23	.00	-11.13	.00
			min	-15.92	.00	-52.78	.00	127.76	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-15.92	.00	-52.78	.00	127.76	.00
			min	1.44	.00	3.23	.00	-11.13	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01 .00	MAX	1.44	.00	3.23	.00	-11.13	.00
			MIN	-16.15	.00	-50.48	.00	231.53	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 2.01	MAX	1.21	.00	5.53	.00	-19.93	.00
			MIN	-15.92	.00	-52.78	.00	127.76	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 .00	MAX	-16.15	.00	-50.48	.00	231.53	.00
			MIN	1.21	.00	5.53	.00	-19.93	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
6	LK1	.00	max	.37	.00	13.94	.00	-11.13	.00

MAX/MIN/ZUGEH-SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LK-Nr.	x [m]		Kräfte [kN] N	Q2	Q3	Momente [kNm] T	M2	M3
6	LK1	.00	min	-6.25	.00	-149.53	.00	127.76	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	.37	.00	13.94	.00	-11.13	.00
			min	-6.25	.00	-149.53	.00	127.76	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	-6.25	.00	-149.53	.00	127.76	.00
			min	.37	.00	13.94	.00	-11.13	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF4						
		2.01	max	.60	.00	11.63	.00	14.57	.00
			min	-6.02	.00	-151.84	.00	-175.11	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	.60	.00	11.63	.00	14.57	.00
			min	-6.02	.00	-151.84	.00	-175.11	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
			max	.60	.00	11.63	.00	14.57	.00
			min	-6.02	.00	-151.84	.00	-175.11	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		2.01 .00	MAX	.60	.00	11.63	.00	14.57	.00
			MIN	-6.25	.00	-149.53	.00	127.76	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 2.01	MAX	.37	.00	13.94	.00	-11.13	.00
			MIN	-6.02	.00	-151.84	.00	-175.11	.00
			LF'e in Max: LF1 LF2 LF4 LF'e in Min: LF1 LF2 LF3						
		.00 2.01	MAX	-6.25	.00	-149.53	.00	127.76	.00
			MIN	-6.02	.00	-151.84	.00	-175.11	.00
			LF'e in Max: LF1 LF2 LF3 LF'e in Min: LF1 LF2 LF3						

MAX/MIN GLOBALE KNOTENVERFORMUNGEN

Knoten-Nr.	LK-Nr.		Verschiebungen [mm] uX	uY	uZ	Verdrehungen [mrad] φX	φY	φZ
1	LK2	Max	.00000	.00000	.00000	.00000	.95560	.00000
		Min	.00000	.00000	.00000	.00000	-.06882	.00000
2	LK2	Max	.00000	.00000	.00000	.00000	.15193	.00000
		Min	.00000	.00000	.00000	.00000	-2.12746	.00000
3	LK2	Max	3.39470	.00000	.31680	.00000	.23368	.00000
		Min	-.24009	.00000	-.00665	.00000	-3.26907	.00000
4	LK2	Max	3.34312	.00000	.35195	.00000	3.04656	.00000
		Min	-.23608	.00000	-.00600	.00000	-.21853	.00000
5	LK2	Max	4.13930	.00000	7.99810	.00000	.25167	.00000
		Min	-.29384	.00000	-.56107	.00000	-3.47195	.00000
6	LK2	Max	4.49501	.00000	11.72535	.00000	.05006	.00000
		Min	-.31962	.00000	-.83121	.00000	-.00399	.00000
7	LK2	Max	4.09738	.00000	7.85435	.00000	3.49140	.00000
		Min	-.29067	.00000	-.54919	.00000	-.25387	.00000
	LK2	*MAX	4.49501	.00000	11.72535	.00000	3.49140	.00000
		*MIN	-.31962	.00000	-.83121	.00000	-3.47195	.00000

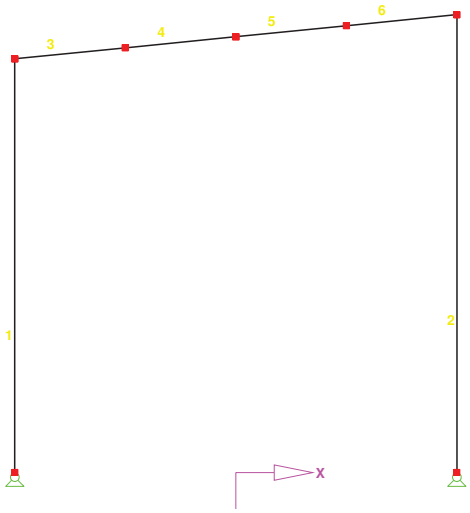
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] uX	uY	uZ
1	LK2	1	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		3	7.50	Max	3.39470	.00000	.31680
				Min	-.24009	.00000	-.00665
			7.50	MAX u-X	3.39470	.00000	.31680
			3.33	MIN u-X	-2.25811	.00000	-.00011
			7.50	MAX u-Z	3.39470	.00000	.31680
			7.50	MIN u-Z	-.24009	.00000	-.00665
2	LK2	2	.00	Max	.00000	.00000	.00000
				Min	.00000	.00000	.00000
		4	8.30	Max	3.34312	.00000	.35195
				Min	-.23608	.00000	-.00600
			4.98	MAX u-X	7.50274	.00000	.21458
			4.98	MIN u-X	-.53524	.00000	-.00020
			8.30	MAX u-Z	3.34312	.00000	.35195
			8.30	MIN u-Z	-.23608	.00000	-.00600
3	LK2	3	.00	Max	3.39470	.00000	.31680
				Min	-.24009	.00000	-.00665
		5	2.01	Max	4.13930	.00000	7.99810
				Min	-.29384	.00000	-.56107
			2.01	MAX u-X	4.13930	.00000	7.99810
			2.01	MIN u-X	-.29384	.00000	-.56107
			2.01	MAX u-Z	4.13930	.00000	7.99810
			2.01	MIN u-Z	-.29384	.00000	-.56107
4	LK2	5	.00	Max	4.13930	.00000	7.99810
				Min	-.29384	.00000	-.56107
		6	2.01	Max	4.49501	.00000	11.72535
				Min	-.31962	.00000	-.83121
			2.01	MAX u-X	4.49501	.00000	11.72535
			2.01	MIN u-X	-.31962	.00000	-.83121

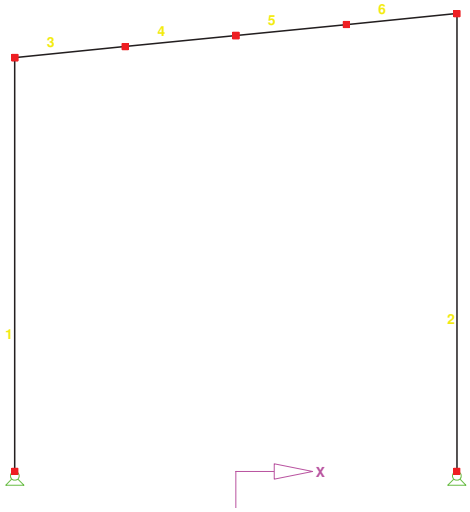
MAX/MIN GLOBALE STABVERSCHIEBUNGEN

Stab-Nr.	LK-Nr.	Knoten Nr.	x [m]		Globale Stabverschiebungen [mm] ux	uy	uz
4	LK2	6	2.01	MAX u-Z	4.49501	.00000	11.72535
			2.01	MIN u-Z	-.31962	.00000	-.83121
5	LK2	6	.00	Max	4.49501	.00000	11.72535
				Min	-.31962	.00000	-.83121
		7	2.01	Max	4.09738	.00000	7.85435
				Min	-.29067	.00000	-.54919
			.00	MAX u-X	4.49501	.00000	11.72535
			.00	MIN u-X	-.31962	.00000	-.83121
			.00	MAX u-Z	4.49501	.00000	11.72535
			.00	MIN u-Z	-.31962	.00000	-.83121
6	LK2	7	.00	Max	4.09738	.00000	7.85435
				Min	-.29067	.00000	-.54919
		4	2.01	Max	3.34312	.00000	.35195
				Min	-.23608	.00000	-.00600
			.00	MAX u-X	4.09738	.00000	7.85435
			.00	MIN u-X	-.29067	.00000	-.54919
			.00	MAX u-Z	4.09738	.00000	7.85435
			.00	MIN u-Z	-.29067	.00000	-.54919

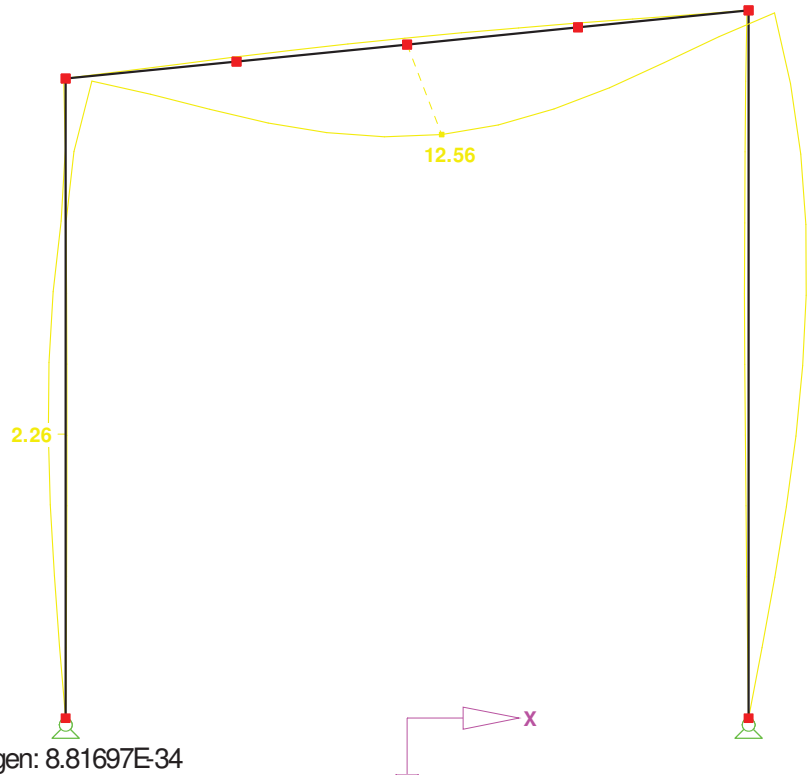
STABNUMMERIERUNG



PROFILNUMMERIERUNG



VERFORMUNG



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Faktor für Verschiebungen: 8.81697E-34

INHALT

BASISANGABEN

BERECHNUNGSART

- ☒ Statik
- ■ Nachweis
- ■ Dynamik
- ☒ Theorie I. Ordnung
- ■ Theorie II. Ordnung
- ■ Seiltheorie
- ☒ Lastfälle
- ■ LF-Gruppen
- ■ LF-Kombinationen
- ■ Bemessungsfälle
- ■ Dynamikfälle
- ■ Knickfiguren

STRUKTURKENNWERTE

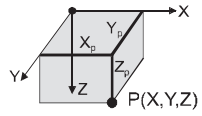
- ■ 1D-Durchlaufträger
- ☒ 2D-Stabwerk
- ■ 3D-Stabwerk
- ■ Trägerrost

4 Knoten
1 Materialien
3 Querschnitte
1 Stabendgelenke
0 Stabteilungen

5 Stäbe
0 Seilstäbe
0 Voutenstäbe
0 El. gebet. Stäbe
0 Stabzüge

STRUKTUR

Kartesisch



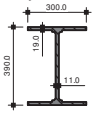
KNOTEN

Knoten-Nr.	Koordinaten-system	Bezugs-Knoten	Knotenkoordinaten X [m]	Y [m]	Z [m]
1	Kartesisch	-	-3.000		0.000
2	Kartesisch	-	3.000		0.000
3	Kartesisch	-	-3.000		-8.300
4	Kartesisch	-	3.000		-8.300

MATERIALIEN

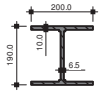
Mat.-Nr.	Material-Bezeichnung	E-Modul [kN/cm²]	Schubmodul [kN/cm²]	Sp. Gewicht [kN/cm³]	Wärmedehn. [1/°C]
1	Stahl	2.100E+04	8.100E+03	7.850E-05	1.200E-05

HE-A 400y



RD 12

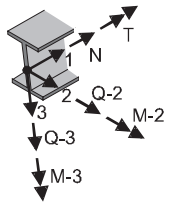
HE-A 200



QUERSCHNITTE

Quer.-Nr.	Mat.-Nr.	Querschnitts-Bezeichnung	I_2 [cm⁴]	A [cm²]	A_3 [cm²]
1	1	HE-A 400y	8560.00	159.000	
2	1	RD 12	0.10	1.130	
3	1	HE-A 200	3690.00	53.800	

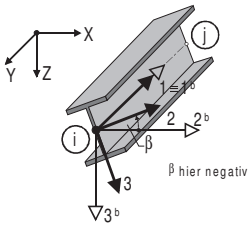
Lokale Gelenkdefinition



STABENDGELENKE

Gelenk-Nr.	Bezugs-Achse	N-/Q-Gelenk bzw. Feder [kN/m] 1-Normal	2-Schub	3-Schub	T-/M-Gelenk bzw. Feder [kNm/rad] 1-Torsion	2-Biegung	3-Biegung
1	Lokal	Nein	Nein	Nein	Nein	Ja	Nein

Lokales Stabachsensystem



STÄBE

Stab-Nr.	Stab-typ	Knoten Anf.	Knoten Ende	Beta [°]	Querschnitt Anf.	Querschnitt Ende	Gelenk Anf.	Gelenk Ende	Teil.-Nr.	Länge [m]	Stab-lage
1	Balken	1	3	0.0	1	1	-	-	-	8.300	VERT
2	Balken	2	4	0.0	1	1	-	-	-	8.300	VERT
3	Zugstab	3	2	0.0	2	2	-	-	-	10.242	ALLG
4	Zugstab	1	4	0.0	2	2	-	-	-	10.242	ALLG
5	Balken	3	4	0.0	3	3	1	1	-	6.000	HORI

AUFLAGER

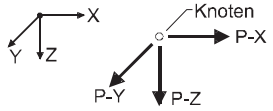
Lager-Nr.	Gelagerte Knoten	Drehung [°] Alpha	Drehung [°] Beta	Festes Auflager bzw. Feder [kN/m] [kNm/rad] in X	in Y	in Z	um X	um Y	um Z
1	1,2	0.0	0.0	Ja	Ja	Ja	Ja	Nein	Ja

BELASTUNG

BASISANGABEN DER LASTFÄLLE

LF-Nr.	LF-Bezeichnung	Faktor	Überlagerungsart	Eigengewicht
1	Stabilisierungskraft	1.00	Ständig	1.00

Globale Knotenkraft



KNOTENKRÄFTE

LF 1

Nr.	Belastete Knoten	Knotenkräfte PX [kN]	Knotenkräfte PY [kN]	Knotenkräfte PZ [kN]
4	1	-0.720	0.000	0.000
5	3	0.720	0.000	0.000

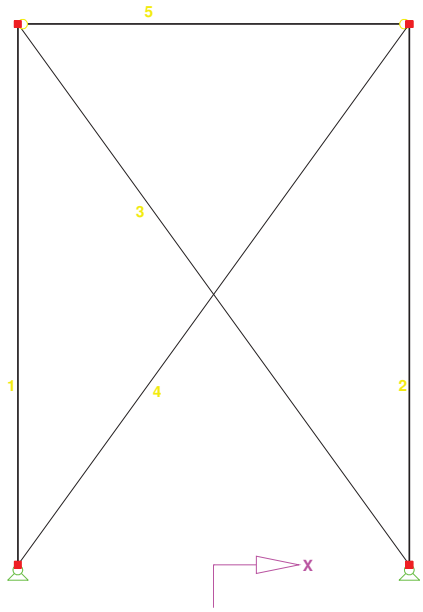
SCHNITTGRÖSSEN STABBEZOGEN

Stab-Nr.	LF/LG-Nr.	Knoten-Nr.	x [m]	Kräfte [kN] N	Kräfte [kN] Q2	Kräfte [kN] Q3	Momente [kNm] T	Momente [kNm] M2	Momente [kNm] M3
1	LF1	1	.00	-11.67	.00	.00	.00	.00	.00
		3	8.30	-1.31	.00	.00	.00	.00	.00
		Max N	8.30	-1.31	.00	.00	.00	.00	.00
		Min N	.00	-11.67	.00	.00	.00	.00	.00
		Max Q-3	.00	-11.67	.00	.00	.00	.00	.00
		Min Q-3	.00	-11.67	.00	.00	.00	.00	.00
		Max M-2	8.30	-1.31	.00	.00	.00	.00	.00
		Min M-2	.00	-11.67	.00	.00	.00	.00	.00
2	LF1	2	.00	-12.67	.00	.00	.00	.00	.00
		4	8.30	-2.31	.00	.00	.00	.00	.00
		Max N	8.30	-2.31	.00	.00	.00	.00	.00
		Min N	.00	-12.67	.00	.00	.00	.00	.00
		Max Q-3	.00	-12.67	.00	.00	.00	.00	.00
		Min Q-3	.00	-12.67	.00	.00	.00	.00	.00
		Max M-2	.00	-12.67	.00	.00	.00	.00	.00
		Min M-2	8.30	-2.31	.00	.00	.00	.00	.00
3	LF1	Druck -> Ausfall							
4	LF1	1	.00	1.19	.00	.03			
		4	10.24	1.27	.00	-.03			
		Max N	10.24	1.27	.00	-.03			
		Min N	.00	1.19	.00	.03			
		Max Q-3	.00	1.19	.00	.03			
		Min Q-3	10.24	1.27	.00	-.03			
5	LF1	3	.00	-.72	.00	1.27	.00	.00	.00
		4	6.00	-.72	.00	-1.27	.00	.00	.00
		Max N	6.00	-.72	.00	-1.27	.00	.00	.00
		Min N	.00	-.72	.00	1.27	.00	.00	.00
		Max Q-3	.00	-.72	.00	1.27	.00	.00	.00
		Min Q-3	6.00	-.72	.00	-1.27	.00	.00	.00
		Max M-2	3.00	-.72	.00	.00	.00	1.90	.00
		Min M-2	.00	-.72	.00	1.27	.00	.00	.00

AUFLAGERKRÄFTE UND -MOMENTE

Knoten-Nr.	LF/LG-Nr.	Auflagerkräfte [kN] PX	Auflagerkräfte [kN] PY	Auflagerkräfte [kN] PZ	Auflagermomente [kNm] MX	Auflagermomente [kNm] MY	Auflagermomente [kNm] MZ
1	LF1	.000	.000	10.721	.000	.000	.000
2	LF1	.000	.000	12.713	.000	.000	.000
ΣLasten	LF1	.000	.000	23.435			
ΣKräfte		.000	.000	23.435			

STABNUMMERIERUNG



PROFILNUMMERIERUNG